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Massachusetts Solid Waste Master Plan

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• 1997 Update •

Volume II
Appendices

Department of Environmental Protection

1997 Master Plan Update

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Appendix A

Summary of Methodologies

Introduction

The 1997 Master Plan Update is the third update to the 1990 Master Plan. Like the 1995 Master Plan Update, this Update presents information on the total solid waste management system, including both municipal solid waste and non-municipal solid waste. The methods used to evaluate the state of the Integrated Solid Waste Management System in both 1995 and 1996 are similar to those used in the 1995 MPU, with improvements and refinements.

The methodologies presented provide background to the information presented in **Chapters 3** and **4**. These are concerned with the current state of solid waste management and a future capacity analysis, respectively.

Current State Of Solid Waste Management

To provide up to date information on solid waste management in the Commonwealth, the Department assesses components of both generation and management of waste, through a variety of reports, surveys, and other instruments. The information collected is then evaluated and analyzed to provide for the various elements of the system given in Table A-1.

Table 3-1 The Integrated Solid Waste Management System (1994-1996)

	1994	1995	1996
Total Generation	9,710,000	10,780,000	11,600,000
Exports	*426,000*	*470,000*	*824,000*
MSW	7,050,000	6,760,000	7,330,000
Residential	2,870,000	3,130,000	3,280,000
Commercial	4,180,000	3,630,000	4,050,000
Non-MSW	2,660,000	4,020,000	4,270,000
C&D	2,420,000	3,760,000	4,010,000
Biosolids	90,000	50,000	70,000
Other	150,000	210,000	190,000
Total Management	10,800,000	10,760,000	11,430,000
Imports	*796,000*	*450,000*	*652,000*
Diversion	4,060,000	5,040,000	5,310,000
MSW	*2,160,000*	*2,140,000*	*2,410,000*
Residential Recycling	420,000	460,000	470,000
Commercial Recycling	1,070,000	1,010,000	1,270,000
Residential Composting	440,000	440,000	440,000
Commercial Composting	230,000	230,000	230,000
Non-MSW	*1,900,000*	*2,900,000*	*2,900,000*
C&D	1,900,000	2,900,000	2,900,000
Disposal	6,020,000	5,720,000	6,120,000
Landfill	*2,680,000*	*2,510,000*	*2,830,000*
MSW	1,900,000	1,540,000	1,620,000
C&D	550,000	700,000	900,000
Biosolids	90,000	60,000	70,000
Other	140,000	210,000	230,000
Combustion	*3,340,000*	*3,210,000*	*3,290,000*
MSW	3,320 000	3,190,000	3,250,000
Non-MSW	20 000	20,000	40,000

Reports And Surveys

Facility Annual Reports

Regulations for solid waste management facilities, landfills, combustion facilities, and transfer stations require that facilities provide annual reports to the Department to summarize the type and quantity of waste that they handled, disposed or recycled. From the disposal facility's estimates the type and amount of waste that is disposed in the Commonwealth, as well as the amount of waste that originates out of state (imported) is determined. Transfer stations provide information on the import of waste but are key to our estimates of the exporting of materials for disposal to out of state facilities. In Table A-1, all of the disposal amounts and the import and export of waste is estimated.

Municipal Recycling Report Card

To complete the Recycling Report Card published in February of each year, the Department surveys all 351 cities and towns in the Commonwealth for the quantity of waste generated (disposed and recycled). In 1997, we received data from over 300 municipalities and used this data to estimate the residential generation and recycling of municipal solid waste. To account for the towns that did not report, or whose data was incomplete, a predicted amount of waste generated or recycled was calculated using the relationship between population and tons of waste in the reporting towns (Table A-2). Data on individual town's reported amounts of disposal and recycling as well as their Recycling Report Card Grade and recycling rate are provided in Appendix E.

Table A-2 Summary of the data used in the estimates of residential recycling and generation

	Materials				
	Glass	Metal	Paper	Plastic	Generation
Regression Coefficient (tons/person/year)	0.00588	0.007635	0.02948	0.001277	0.45
Towns reporting	317	320	321	314	285
Population reporting	5,970,167	5,986,814	5,987,399	5,896,371	5,594,907
Tonnage Reported	56,507	71,115	260,449	12,378	2,533,434
Population not reporting	205,807	189,160	188,479	279,603	581,067
estimated tonnage	1,210	1,444	5,556	357	245,303
Total	57,717	72,560	266,005	12,735	2,778,736

Population

Per capita generation rates were used in estimating unreported residential MSW generation. The population figures used in this Update are based on data from the 1990 Federal Census and projections from the Massachusetts Institute for Social and Economic Research (MISER). MISER provided DEP with community by community population projections for the years 1995 and 2000. From these figures, projected population numbers were interpolated, (calculated using the difference between two known points) using the following equation:

$$1997\,population = \left[\frac{1995\,population - 1990\,population}{5}\right] \times 7 + 1990\,population$$

Where: 1990 and 1995 are two known points; 5 is the number of periods between them; 7 is the difference from 1990 to 1997; 1990 is the base year from which we are calculating.

W'ston/Department of Revenue MSW Recycling Processors Survey

In 1992, the Department contracted with Roy F. Weston, Inc. to develop an estimate of the tons of MSW recycled in the Commonwealth. In the study, they surveyed companies that processed glass, metal, paper, or plastic that originated from the MSW stream. The methodology used in the study relied on a relationship between the number of employees working for a processor and the tons of material processed in a particular year. This "productivity" value developed from employee and processing tonnage data, is then multiplied by the total number of employees working in each type of facility and is used to estimate total MSW recycling. The results of this study were published in a final report titled, "Collection and Analysis of Quantitative Data Concerning Recyclables Processing in Massachusetts" and were used for estimating total MSW recycled in the 1994 Master Plan Update. In 1996 and 1997, the Department reestimated the number of employees working for MSW processors and recalculated the total tonnage of MSW recycled.

Construction and Demolition Processors Survey

In 1994, the Department undertook to identify and contact all companies that processed Construction and Demolition (C&D) material for reuse. The companies were asked for data on the type and amount of material processed and whether the material originated out of state (import). The results of the survey were used to estimate the C&D diversion published in the 1995 MPU. The survey was repeated in 1996 to estimate the amount of diversion in 1995 (Table A-1). In 1997, the Department contacted the largest material processors accounting for 75% of the processing capacity and found that levels of processing were essentially unchanged from the previous year. The value for C&D processing for 1996 was estimated to be the same as estimated for 1995.

Bottle Bill Tonnage

Bottle bill recycling results are credited toward the residential recycling rate. Container recovery (deposit redemption) rates were obtained from the Massachusetts Department of Revenue for 1992. The recycled tonnage represented by the recovered container stream is estimated using trade association data on both material composition of the beverage container stream (glass, aluminum, plastic, etc.) and average unit weights for different container types. Composition percentages have been adjusted to reflect Massachusetts specific conditions based on information provided by deposit container collection companies.

Compost

Both residential and commercial composting in the state is assumed to have remained the same for the past three years.

Management

Imports

Importing waste from neighboring states is a common practice, but one that is difficult to accurately measure. The Department estimates imports using the Facility Annual Reports by summing, (by waste type) all of the materials that facilities report originated out of state. Massachusetts does not have a manifest system to track waste sources as some other states. In reporting their tonnage, landfill and combustion operators attempt to distinguish between and import and local waste based upon knowledge of hauler routes. This situation suggests that, based on facility reports, the Department will underestimate the amount of imports. Because of this the Department believes a correction was necessary and therefore 200,000 tons of MSW waste was reassigned to import.

Disposal

Disposal refers to the processing and final disposal of waste at either a landfill or combustion facility. Estimates of disposal of both MSW and non-MSW waste come directly from data submitted to the Department by landfills and combustion facilities on their Annual Facility Reports. The reports provide data on the amount of waste disposed and a breakout by material type and state of origin. Two adjustments are made to the reported data provided in these reports: 200,000 tons of non-MSW waste is assumed to be misclassified by the reporting facilities as MSW and 200,000 tons of waste that is reported to be generated in Massachusetts is assumed to have come from out of state. This adjustment has been used for the analyses of data from 1994-1996.

Diversion

MSW

Residential Recycling

Residential Recycling is estimated using data collected to complete the Municipal Recycling Report Card (discussed above).

Commercial Recycling

Commercial recycling is estimated as the total state-wide recycling number *minus* the residential recycling tonnage. The total tons of MSW recycling is estimated using the tonnage that is derived from the Weston/DOR Recycling Processors Survey *plus* the Bottle Bill tonnage.

Residential and Commercial Composting

The tonnage reported from each of the three years presented reflects the Department's best estimate of the tons of material composted. The estimate is based on reports from contracted consultants, reporting by composting facilities, and Department staff knowledge of the state of composting in the Commonwealth.

Non-MSW

The estimate for the tons of Non-MSW recycled is based solely on the results of the C&D Processors Survey (discussed above)

Generation

Exports

The estimation of the export of waste is also problematic because there is no requirement for in-state waste haulers or out-of-state waste disposal facilities to report to the Department on the amount (and type) of the waste that originated in the Commonwealth, but were disposed of out of state. The Department uses Transfer Stations Annual Facility Reports and a surveys of neighboring states to estimated exports.

MSW

The estimate for MSW generation is calculated by adding the total MSW disposed *plus* total MSW diverted *plus* total MSW exported *minus* total MSW imported.

MSW Generation = Disposed + MSW Diverted + MSW Exported - MSW Imported

Residential

Residential MSW generation is estimated by summing the total residential tonnage recycled *plus* total residential tonnage disposed *plus* bottle bill tonnage estimates *plus* residential composting.

Residential Generation = Residential Recycling + Residential Disposed + Bottle Bill - Residential Composting

Commercial

Commercial MSW generation is estimated as the difference between total MSW generated *minus* residential MSW generation.

Non-MSW

The estimate of the total non-MSW generation in the Commonwealth is the sum of non-MSW disposed *plus* non-MSW diverted *plus* non-MSW exports *minus* non-MSW imports.

Capacity Projections

As a general matter, capacity projections are based on the anticipated annual capacity available after January 1, 1997 for facilities permitted to accept waste as of that date. The projections also reflect that the combustion facility in Shirley will not come on line until 2001.

The DEP will also continue to assume that the principal goals outlined in the 1990 Solid Waste Master Plan will be met unless stated otherwise below. These goals and other assumptions underlying the statewide ISWM projections are listed below:

- All landfills will close according to current permit or projected dates (whichever is the greater restriction)

- Existing combustion facilities will operate at full capacity, with on-line availability determined on a facility specific basis

- Source reduction will continue to increase, but the MSW generation projection will be calculated as the rolling average of the past two years of MSW generation (1995 and 1996) or 6.96 million tons.

- MSW Recycling goals will be met (34 percent in 1996 with a 3% annual increase to 46 percent by 2000)

- Non-MSW generation will be calculated as the sum of the rolling average of the past three years of C&D Generation and Other non-MSW generation, plus biosolids (see below).

- Biosolids disposal will equal 90,000 tons in 1996, 45,000 in 1997, 25,000 in 1998, 10,000 in 1999 and no biosolid disposal in 2000 or thereafter.

- Non-MSW recycling will be calculated as the rolling average of the past three years of non-MSW diversion, or 2,556,667 tons.

- 50 percent of MSW generation will be combusted by 2000, and four percent landfilled;

- The State will be neither a net importer or exporter of municipal solid waste.

Appendix B

Massachusetts Executive Office Of Environmental Affairs

Ten Point Recycling Plan (FY97)

The 10 recycling programs described below are being funded from the Clean Environment Fund (CEF) in fiscal year 1997. Together, they "close the loop on recycling" through the collection, processing, and remanufacturing of recycled materials and the purchase of recycled products. Wise use of CEF funds can help satisfy the strong public demand for increased recycling and composting in the Commonwealth, at no cost to taxpayers. Since 1990, recycling and source reduction programs funded through the CEF have increased the Commonwealth's recycling rate to over 32%. However, a renewed commitment to allocate these funds for their intended purpose - the expansion of recycling in Massachusetts - is required in FY98 to meet the Commonwealth's recycling goal of 46% by the year 2000. In FY97, the state received over $6 million in requests for $1.3 million in direct municipal recycling grants. In total, of the $4.2 million CEF FY97 appropriation, approximately $3.0 million was used to benefit municipal recycling programs, with the remaining $1.2 million spent on enhancing the recycling industry and commercial recycling sector.

Budget Summary:	
1. Municipal Recycling and Composting Equipment Grants	$708,000
2. Public Education Recycling Campaign	743,102
3. Municipal Household Hazardous Waste Program	130,000
4. Recycled Product Procurement Program	318,740
* 5. Municipal Recycling Transfer Station Grants	350,000
6. Municipal Recycling Incentive Programs	500,000
7. Source Reduction and Technical Assistance	420,000
8. Higher Education Fund	225,326
9. Recycling Business Development/Loan Program	630,000
10. Springfield Materials Recycling Facility	210,000
TOTAL RECYCLING EXPENDITURE: (Includes DEP/EOEA support funds of $294,773.)	**$4,529,941**

* The $350,000 budgeted for a transfer station would come from a one-time payment of $668,000 into a separate trust fund account from previous operators of the Springfield Materials Recycling Facility. The other $318,000 will be spent during Fiscal Year 1998 for a second transfer station.

Municipal Recycling and Composting Equipment Grants **$708,000**

Since 1990, the Department of Environmental Protection (DEP) has operated a successful recycling and composting grant program that addresses the capital needs of municipalities starting or expanding curbside and drop-off recycling programs. These programs, along with educational

materials, provide the basic program elements each community needs to successfully recycle. Grant items include recycling trucks, curbside recycling containers, large drop-off containers, large-capacity trailers to consolidate recyclables for long-distance hauling, and home composting bins. In FY98, this equipment will continue to be in high demand by municipalities. For example, only 2 of 14 truck requests could be granted this fiscal year due to inadequate funds.

Public Education Recycling Campaign **$743,102**

While approximately 80% of Massachusetts residents have convenient access to a recycling program, many of these residents still do not recycle. To increase participation, EOEA will pay for public education materials to be printed and mailed to each resident in the 150 municipalities receiving a grant in FY97. These brochures describe what materials can be recycled; how they need to be prepared; when to drop off recyclables; and phone numbers to call for further information. Whether announcing a new "pay-per-bag" or curbside recycling program, the start of a permanent collection center for recycling surplus paint, or just continuing to remind residents of the need to recycle, education materials are a basic municipal recycling need. Other education programs funded this fiscal year include a media campaign to increase participation, a legislative line item appropriation for the City of Boston, recycling programs at over 75 public schools, a municipal recycling newsletter and guide, and publication of a statewide recycling services directory.

Municipal Household Hazardous Waste Program **$130,000**

In three short years, due largely to the availability of CEF funds, EOEA and DEP have built a nationally-recognized program for managing hazardous materials from households and small businesses. In July, 1996, EOEA released the Commonwealth's first comprehensive plan to reduce the toxicity of the waste stream through the cost-effective reduction, reuse, and recycling of specific hazardous products, including used oil, antifreeze, batteries, surplus paint, and pesticides.

In FY97, grants were given to 12 communities for paint storage sheds for the reuse, recycling, or proper disposal of surplus paint, and 14 communities for used motor oil collection tanks. Over the past three years, 69 municipalities have received or are sharing paint storage equipment and another 63 were granted motor oil tanks. EOEA also used CEF funds to hire a consultant to help the state obtain authorization from the federal Environmental Protection Agency (EPA) to manage a limited set of wastes under EPA's new "Universal Waste Rule" so that more of these materials will be recycled instead of improperly disposed. Such wastes include fluorescent lamps, thermometers, and thermostats, all of which contain mercury, as well as certain pesticides and batteries.

Recycled Product Procurement Program **$318,740**

The leadership that government and business has demonstrated in expanding the supply of recycled materials must also be applied to buying products with recycled content. Only through purchasing these products can we "close the loop" and make recycling a permanent part of the economy. In FY96, this program sparked nearly $22 million worth of recycled product purchases by state and municipal agencies. This total is projected to increase to over $27 million in FY97.

Over the past three years, the CEF has funded two staff positions at the Operational Services Division, who encourage the purchase of recycled products by state agencies and municipalities. These staff set up an annual vendor fair, hold numerous municipal workshops, purchase recycled products (with CEF funds) for agencies to test and evaluate, and guide research on innovative

recycled products. The FY97 CEF also supports efforts to promote the purchase of recycled products by businesses and consumers, including the recycling education campaign mentioned above and the Buy Recycled Business Alliance, which serves over 500 businesses and won the 1996 National Recycling Coalition Award for "Best State Buy Recycled Campaign." CEF funds are also used to hold the Massachusetts Packaging Challenge, an annual event in which awards are given to manufacturers whose packaging contains a significant percentage of post-consumer recycled content.

Municipal Recycling Transfer Station Grants **$350,000**
(funded through separate trust fund)

While Massachusetts now has sufficient, affordable capacity at several Materials Recycling Facilities (MRFs) and other processing facilities in the state, many communities still face long treks to these facilities and high transportation costs. These grants provide a regional group of municipalities with funding for the construction of a facility to aggregate collected recyclables, compost, hazardous waste, and/or solid waste, thereby reducing transportation costs to a recycling facility. This program is targeted to areas of the state isolated from existing facilities, including landfill closure communities. The transfer station grants represent a major benefit to municipalities and recycling processing facilities.

For FY97, EOEA has budgeted $350,000 for one transfer station in the eastern part of the state to assist communities impacted by the financial difficulties of the Prins Recycling facility in Charlestown. This allocation would be made from a separate trust fund of $668,000, which was created from a one-time payment from the previous operator of the Springfield Materials Recycling Facility. Funds remaining in this trust fund in FY98 are budgeted for a second transfer station depending on regional need.

Municipal Recycling Incentive Programs **$500,000**

This pilot program, which currently benefits the 23 municipalities from the Northeast Solid Waste Committee (NESWC), provides a cash payment to each municipality for each ton of material recycled if they meet specific program conditions, such as having curbside recycling if garbage is collected at curbside, implementing a household composting program, or implementing a unit-based pricing program for solid waste. This incentive program has resulted in an average increase of 14% in the recycling rate of eligible communities since 1995.

EOEA believes that the entire increase in the FY98 CEF appropriation ($1.8 million) should be used for direct financial incentive payments to municipalities, either for reaching specific recycling performance goals (e.g., recycling rates) or for implementing specific programs to increase recycling and reduce waste generation. The program standards for receiving assistance would increase over time, encouraging municipalities to continue to make program improvements. Programmatic steps could include establishing unit-based pricing for solid waste, making commitments to purchase recycled products, requiring all trash haulers operating in a municipality to offer recycling service, and adding new materials to collection programs. The programs would provide incentives to municipalities at all levels, regardless of their current recycling rates. Municipal recycling incentives are the best way to help municipalities increase recycling and reduce waste.

Source Reduction and Technical Assistance **$420,000**

Technical assistance to regional groups of municipalities, as well as support of projects at other state agencies, has emerged as a valuable strategy for improving recycling programs. In FY97, DEP received 13 applications for over $400,000 worth of technical assistance, and was able to fund 10 of these for $140,000. This technical assistance has been essential to developing innovative program models throughout the state, including a pilot curbside collection project for used motor oil, development of a building materials reuse center, a collection program for wastes containing mercury, and outreach to non-English speaking populations.

FY97 CEF funds are also being used to provide equipment to communities that will implement new "pay-per-bag" solid waste programs. Because residents pay for garbage disposal, with recycling being "free", recycling rates in the 75 Massachusetts municipalities with "pay-per-bag" programs are higher than rates in communities without such programs. These grants reward municipalities for starting a program that the state considers to be the most effective way to increase recycling, reduce waste, and save money on garbage disposal. Funds will also be used to improve recycling programs in other state agencies, including public facilities such as beaches and parks managed by the Department of Environmental Management and the Metropolitan District Commission, and an expansion of the newspaper recycling program at the Massachusetts Bay Transportation Authority. Other FY97 projects consist of reducing the consumer use of pesticides (through a project with the Department of Food and Agriculture), and setting up recycling programs in six large government office buildings.

Higher Education Fund **$225,326**

Just as Massachusetts universities, colleges, and community colleges have laid the foundation for the Commonwealth's successes in the development of software, printing and publishing, and high tech industries, they can also be a valuable resource in the field of recycling and solid waste management. This program provides funding to support recycling internships for students at Massachusetts community colleges and at the University of Massachusetts. This program also supports research projects conducted through the University of Massachusetts, including research on increasing the use of recycled products by the Massachusetts Highway Department, testing innovative in-vessel composting equipment, and determining the environmental impacts of hazardous household products.

Recycling Business Development/Loan Program **$630,000**

This program provides technical assistance and access to capital to small recycling related businesses to stimulate expansion and new investment. The program includes a Recycling Loan Fund, which has been capitalized at $1.5 million, including adding the $630,000 in FY 97. The Loan Fund has closed five loans to date, totaling $850,000 and leveraging over $2.6 million in additional financing from the financial sector and state economic development programs for these companies. Companies receiving loans include a wood and paper processor, two metals processors, a plastics processor, and a materials recycling facility. The CEF also funds a full-time staff person to provide technical assistance to recycling companies and manufacturers, particularly with increasing the use of recycled paper feedstock. By helping these businesses to grow, the Commonwealth can expand markets for recyclables and attract and retain jobs and economic development for Massachusetts.

Springfield Materials Recycling Facility **$210,000**

The Springfield Materials Recycling Facility (SMRF) is a publicly-owned, privately-operated facility that provides recycling services for over 100 communities in Central and Western Massachusetts. The SMRF supports paper, plastic, and glass mills which rely on its consistent, high-quality supply of recycled material. The SMRF offers the Commonwealth unique access to the cooperative marketing of recyclables. In the event that market disruptions occur for any recyclable material taken at the facility (e.g., its value drops excessively), the SMRF contract provides a base price guaranteed by the operator of the SMRF. The CEF funds weigh-scale and administrative expenses as well as a dedicated matching fund for municipal contributions to recycling education. In return, 80 municipalities received payments totaling more than $700,000 in August, 1996, as a result of a new contract negotiated by the DEP.

Appendix C

Table C-1: 1995 Integrated Solid Waste Management System Overview

Total Generation (includes 470,000 tons of exported waste)				10,780,000
MSW		6,760,000		
Residential	3,130,000			
Commercial	3,630,000			
Non-MSW		4,020,000		
C&D	3,760,000			
Biosolids	50,000			
Other	210,000			
Total Management (includes 450,000 tons of imported waste)				10,760,000
Diversion			5,040,000	
MSW		2,140,000		
Residential Recycling	460,000			
Commercial Recycling	1,010,000			
Residential Composting	440,000			
Commercial Composting	230,000			
Non-MSW		2,900,000		
C&D	2,900,000			
Disposal			5,720,000	
Landfill		2,510,000		
MSW	1,540,000			
C&D	700,000			
Biosolids	60,000			
Other	210,000			
Combustion		3,210,000		
MSW	3,190,000			
Non-MSW	20,000			

Table C-2: 1996 Integrated Solid Waste Management System Overview

Total Generation (includes 824,000 tons of exported)				11,600,000
MSW		7,330,000		
Residential	3,280,000			
Commercial	4,050,000			
Non-MSW		4,270,000		
C&D	4,010,000			
Biosolids	70,000			
Other	190,000			
Total Management (includes 652,000 tons of imported)				11,430,000
Diversion			5,310,000	
MSW		2,410,000		
Residential Recycling	470,000			
Commercial Recycling	1,270,000			
Residential Composting	440,000			
Commercial Composting	230,000			
Non-MSW		2,900,000		
C&D	2,900,000			
Disposal			6,120,000	
Landfill		2,830,000		
MSW	1,620,000			
C&D	910,000			
Biosolids	70,000			
Other	230,000			
Combustion		3,290,000		
MSW	3,250,000			
Non-MSW	40,000			

Appendix D

Residential Recycling Summary

Table D-1: Residential Recycling (tons) in 1996, including bottle bill redemption.			
Material Type	Residential Recycling	Bottle Bill	TOTAL
Paper	266,005		266,005
Metal	72,560	19,816	92,376
Plastic	12,735	6,330	19,065
Glass	57,717	34,762	92,479
TOTAL	409,017	60,908	469,925

Appendix E
Municipal Solid Waste Management Overview

Municipal Waste Generation, Collection Methods, Recycling Report Card Grade, and Waste Facilities

Municipality	Estimated Population	Estimated MSW** Generation	MSW Generation Rate	MSW Disposed	Collection Method: Trash	Collection Method: Recycle	Recycling Report Card: Rate	Recycling Report Card: Grade	Solid Waste Facilities: Combustion	Tons	Landfill	Tons	Transfer Station
ABINGTON	14,263	6,804	0 48	5,816	Curb	Curb	21%	B			Fall River Landfill	5,816	
ACTON	18,143	5,074	0 28	3,600	Drop	Drop	36%	A	Wheelabrator/NESWC	3,600			
ACUSHNET	9,907	3,586	0 36	3,382	Curb	Curb	24%	B	SEMASS Resource Recovery	3,382			
ADAMS	9,108	3,941	0 45 *		Sub	Drop	10%	C					North Adams
AGAWAM	27,536	9,793	0.36	7,867	Curb	Curb	27%	B	Springfield Resource Recovery	7,867			
ALFORD	425	221	0 52	147	Drop	Drop	45%	A			Master Garbologist	117	
AMESBURY	15,520	7,009	0 45	6,168	Curb	Curb	24%	B	SEMASS Resource Recovery	6,168			
AMHERST	36,504	6,064	0 17	3,892	Sub	Curb	49%	A			Amherst Landfill	3,892	
ANDOVER	32,199	13,618	0.42	10,720	Curb	Curb	28%	B	Wheelabrator/NESWC	10,720			
ARLINGTON	43,587	24,736	0.57	19,734	Curb	Curb	30%	A	Wheelabrator/NESWC	19,734			
ASHBURNHAM	6,072	1,144	0.19	625	Curb	Curb	61%	A			Municipal Landfill	625	
ASHBY	2,886	1,299	0.45 *		Curb	Curb	13%	C					
ASHFIELD	1,811	653	0.36	417	Drop	Drop	36%	A			Northampton Landfill	417	
ASHLAND	15,022	6,737	0 45	5,198	Curb	Curb	23%	B			Taunton Landfill	5,198	Post Rd/Marlboro
ATHOL	11,917	5,363	0.45 *		Sub	Sub	0%	F/I					
ATTLEBORO	41,103	14,975	0.36	12,527	Curb	Curb	35%	A	SEMASS Resource Recovery	12,527			
AUBURN	15,532	5,212	0.34	4,300	Curb	Curb	32%	A	Wheelabrator/Millbury	4,300			
AVON	4,485	2,795	0 62	2,500	Curb	Curb	14%	C			Fall River Landfill	2,500	
AYER	7,015	2,560	0.45 *		Drop	Drop	34%	A					Ogden Martin
BARNSTABLE	44,230	47,435	1.07	44,970	Drop	Drop	8%	D	SEMASS Resource Recovery	44,970			
BARRE	4,847	1,563	0.32	1,189	Drop	Drop	31%	A			Barre Landfill	1,189	
BECKET	1,563	534	0.34	346	Drop	Drop	35%	A	Commercial Disposal	346			
BEDFORD	13,272	5,017	0.38	3,864	Curb	Curb	35%	A	Wheelabrator/NESWC	3,864			
BELCHERTOWN	11,555	1,842	0.16	946	Drop	Drop	53%	A	Springfield Resource Recovery	946			
BELLINGHAM	15,467	6,568	0 42	5,800	Curb	Curb	40%	A	SEMASS Resource Recovery	5,800			
BELMONT	25,349	12,968	0 51	10,198	Curb	Curb	36%	A	Wheelabrator/NESWC	10,198			
BERKLEY	5,114	1,415	0.28	1,055	Drop	Drop	33%	A			Fall River Landfill	1,055	
BERLIN	2,388	882	0 37	660	Drop	Drop	37%	A	Wheelabrator/Millbury	660			
BERNARDSTON	2,154	2,713	1.26	2,536	Drop	Drop	12%	C			Bernardston Landfill	2,536	
BEVERLY	38,713	18,320	0 47	15,000	Curb	Curb	33%	A	Wheelabrator RESCO	15,000			
BILLERICA	38,937	17,747	0.46	15,500	Curb	Curb	19%	C			MASS Refuse Tech	15,500	
BLACKSTONE	8,788	3,955	0.45 *		Curb	Drop	26%	B					
BLANDFORD	1,259	567	0 45 *		Drop	Drop	28%	B					
BOLTON	3,651	1,856	0 51	1,422	Drop	Drop	33%	A			Bolton Landfill	1,422	
BOSTON	574,283	255,692	0 45	235,262	Curb	Curb	11%	C	Wheelabrator RESCO	235,262	Plainville Landfill		Waste Mgmt
BOURNE	17,040	8,101	0 48	7,250	Curb	Curb	25%	B			Bourne Landfill	7,250	
BOXBOROUGH	3,452	1,606	0.47	1,400	Drop	Drop	26%	B	Wheelabrator/NESWC	1,400			
BOXFORD	7,427	3,134	0 42	2,230	Curb	Curb	34%	A			Boxford Landfill	2,230	
BOYLSTON	3,641	1,638	0 45 *		Sub	Sub	0%	F/I					
BRAINTREE	33,836	9,316	0 45 *	12,880	Curb	Curb	26%	B	SEMASS Resource Recovery	12,880			Ivory Street - Waste Mgmt

Municipality	Estimated Population	Estimated MSW** Generation	MSW Generation Rate	MSW Disposed	Collection Method Trash	Collection Method Recycle	Recycling Report Card Rate	Recycling Report Card Grade	Solid Waste Facilities Combustion	Tons	Landfill	Tons	Transfer Station
BREWSTER	8,375	7,990	0.95	7,075	Drop	Drop	14%	C	SEMASS Resource Recovery	7,075			
BRIDGEWATER	23,331	1,059	0 05	900	Curb	Drop	33%	A	SEMASS Resource Recovery	900			McDonald Bridgewater
BRIMFIELD	3,135	672	0 21	432	Drop	Drop	53%	A	Wheelabrator/Millbury	432			
BROCKTON	95,994	72,212	0 75	69,160	Curb	Curb	6%	D	SEMASS Resource Recovery	51,870	Plainville Landfill	17,290	Braintree
BROOKFIELD	3,159	1,517	0.48	1,200	Drop	Drop	23%	B			Brookfield Landfill	1,200	
BROOKLINE	55,407	17,997	0 32	13,087	Curb	Curb	42%	A	Schofield - Maine	13,087			
BUCKLAND	2,016	391	0.19	258	Curb	Drop	35%	A			Greenfield Landfill	258	
BURLINGTON	22,739	12,291	0 54	8,800	Curb	Curb	32%	A	Wheelabrator/NESWC	8,800			
CAMBRIDGE	99,858	29,276	0.29	22,164	Curb	Curb	26%	B	Ogden Martin / Haverhill	22,164			
CANTON	18,725	12,201	0.65	9,948	Curb	Curb	31%	A			SEMASS-BFI	9,948	
CARLISLE	4,700	2,115	0.45 *		Drop	Drop	34%	A					
CARVER	11,843	5,329	0.45 *		Sub	Drop	0%	F/I					
CHARLEMONT	1,294	299	0.23	201	Drop	Drop	48%	A			Bernardston Landfill	201	Charlemont/ BFI
CHARLTON	10,990	4,946	0.45 *		Sub	Sub	0%	F/I					
CHATHAM	6,368	7,809	1.23	6,725	Drop	Drop	23%	B	SEMASS Resource Recovery	6,725			
CHELMSFORD	33,414	17,085	0.51	13,864	Curb	Curb	29%	B	Ogden Martin / Haverhill	13,864			
CHELSEA	28,222	10,561	0.37	9,913	Curb	Curb	7%	D	Wheelabrator RESCO	9,913			
CHESHIRE	3,619	1,599	0.45 *		Drop	Drop	14%	C					Commercial Disposal
CHESTER	1,317	593	0.45 *		Drop	Drop	40%	A					
CHESTERFIELD	1,066	197	0.19	118	Drop	Drop	63%	A			Northampton Landfill	118	Dave Wickles Trucking
CHICOPEE	57,887	23,507	0.41	20,107	Curb	Curb	25%	B			Chicopee Landfill	20,107	
CHILMARK	671	1,086	1.62	927	Drop	Drop	19%	C	SEMASS Resource Recovery	741	Chilmark Landfill	185	
CLARKSBURG	1,802	811	0.45 *		Drop	Drop	13%	C					
CLINTON	13,593	6,117	0.45 *		Curb	Drop	11%	C					
COHASSET	7,152	3,693	0.52	2,650	Drop	Drop	31%	A	SEMASS Resource Recovery	2,650			
COLRAIN	1,816	364	0.2	204	Drop	Drop	52%	A			Bernardston Landfill	204	
CONCORD	15,423	3,321	0 22	1,984	Curb	Curb	51%	A	Wheelabrator/NESWC	1,984			
CONWAY	1,750	466	0.27	250	Drop	Drop	57%	A			Granby Landfill	250	Refuse Recycling Corp
CUMMINGTON	802	371	0.46	297	Drop	Drop	25%	B			Northampton Landfill	297	Dave Wickles Trucking
DALTON	7,384	2,796	0.45 *		Drop	Drop	27%	B	Energy Answers Pittsfield				Park Ave/BCI
DANVERS	24,339	11,474	0.47	10,150	Curb	Curb	17%	C	Ogden Martin / Haverhill	10,150			
DARTMOUTH	27,383	9,577	0.35	8,469	Curb	Curb	37%	A			Dartmouth Landfill	8,469	Town site
DEDHAM	23,411	12,483	0.53	10,860	Curb	Curb	23%	B			Waste Mgmt	10,860	
DEERFIELD	5,238	2,357	0.45 *		Drop	Drop	24%	B					
DENNIS	13,976	14,210	1.02	12,919	Drop	Drop	37%	A	SEMASS Resource Recovery	10,985	Dennis Landfill	1,934	Dennis
DIGHTON	5,739	1,476	0 26	940	Curb	Curb	40%	A	SEMASS Resource Recovery	940			
DOUGLAS	6,024	2,709	0.45 *		Drop	Drop	9%	D					BFI
DOVER	5,620	2,788	0 5	2,234	Drop	Drop	30%	A	Wheelabrator/Millbury	2,234			
DRACUT	27,939	12,321	0.45 *		Curb	Curb	10%	C			NESWC/WMX		
DUDLEY	9,938	901	0 09	630	Drop	Drop	51%	A	Wheelabrator/Millbury	630			Webster/Pratt Trucking
DUNSTABLE	2,500	690	0 28	528	Drop	Drop	39%	A	Wheelabrator RESCO	528			
DUXBURY	14,403	7,585	0 53	5,856	Drop	Drop	34%	A		4,900		956	
EAST BRIDGEWATER	11,814	5,316	0.45 *		Curb	Drop	4%	F/I					
EAST BROOKFIELD	2,131	900	0 42	621	Curb	Curb	41%	A	Wheelabrator/Millbury	621			
EAST LONGMEADOW	14,903	5,461	0.37	3,985	Curb	Curb	36%	A	Springfield Resource Recovery	3,985			Knowlton Area

Municipality	Estimated Population	Estimated MSW** Generation	MSW Generation Rate	MSW Disposed	Collection Method: Trash	Collection Method: Recycle	Recycling Report Card: Rate	Recycling Report Card: Grade	Solid Waste Facilities: Combustion	Tons	Landfill	Tons	Transfer Station
EASTHAM	4,643	3,701	0 8	3,387	Drop	Drop	15%	C	SEMASS Resource Recovery	3,348	Fall River Landfill	39	
EASTHAMPTON	15,655	13,999	0.89	12,168	Sub	Sub	19%	C			Northampton Landfill	12,168	
EASTON	21,281	6,044	0 28	5,000	Drop	Drop	21%	B			Easton Landfill	5,000	
EDGARTOWN	3,138	5,080	1.62	4,334	Drop	Drop	19%	C	SEMASS Resource Recovery	3,467	Chilmark Landfill	867	
EGREMONT	1,040	758	0 73	505	Drop	Drop	39%	A	Ogden Martin / Haverhill	505			
ERVING	1,421	377	0.27	234	Curb	Curb	54%	A			Greenfield Landfill	234	
ESSEX	3,393	1,458	0 43	1,115	Drop	Drop	29%	B	Ogden Martin / Haverhill	1,115			
EVERETT	35,732	20,318	0.57	19,186	Curb	Curb	6%	D	Wheelabrator RESCO	19,186			
FAIRHAVEN	16,458	6,555	0 4	5,489	Curb	Curb	28%	B	SEMASS Resource Recovery	5,489			
FALL RIVER	94,412	32,711	0.35	31,897	Curb	Drop	7%	D	Fall River Incinerator	31,897			
FALMOUTH	29,278	24,597	0 84	20,510	Curb	Curb	33%	A	SEMASS Resource Recovery	13,057	Falmouth Landfill	7,453	AWS/Bay Colony RR
FITCHBURG	43,250	17,216	0.4	13,611	Curb	Curb	26%	B			Westminster Landfill	13,611	
FLORIDA	774	348	0 45 *		Drop	Drop	13%	C					BFI
FOXBOROUGH	14,980	5,973	0 4	4,860	Curb	Curb	24%	B			Foxborough Landfill	4,860	
FRAMINGHAM	65,904	26,121	0 45 *		Curb	Curb	28%	B					BFI Holliston
FRANKLIN	26,721	10,599	0.4	8,733	Curb	Curb	24%	B	Wheelabrator/Millbury	8,733			
FREETOWN	9,069	3,389	0 37	2,682	Curb	Drop	31%	A	SEMASS Resource Recovery	2,682			
GARDNER	21,197	9,896	0.47	8,900	Curb	Curb	16%	C			Gardner Landfill	8,900	
GAY HEAD	209	338	1 62	289	Drop	Drop	19%	C	SEMASS Resource Recovery	231	Chilmark Landfill	58	
GEORGETOWN	6,720	3,024	0.45 *		Drop	Sub	11%	C					G. Mello Disposal Corp
GILL	1,583	259	0.16	150	Curb	Drop	42%	A			Bernardston Landfill	150	
GLOUCESTER	28,931	11,547	0.4	9,497	Curb	Curb	31%	A	Waste Mgmt	9,497			
GOSHEN	862	139	0 16	80	Drop	Drop	52%	A			Northampton Landfill	80	Town of Goshen
GOSNOLD	96	325	3.39	275	Curb	Curb	21%	B			Spaulding Property	275	
GRAFTON	13,883	4,694	0 34	4,411	Curb	Drop	17%	C	Wheelabrator/Millbury	4,411			
GRANBY	5,776	3,266	0.57	2,520	Drop	Drop	37%	A			Granby Landfill	2,520	
GRANVILLE	1,441	314	0 22	198	Drop	Drop	52%	A			Northampton Landfill	198	
GREAT BARRINGTON	7,659	4,221	0.55	3,712	Drop	Drop	13%	C			Great Barrington LF	3,712	
GREENFIELD	18,825	7,750	0.41	6,111	Curb	Curb	29%	B	Springfield Resource Recovery	6,111			
GROTON	8,750	3,123	0 36	2,151	Drop	Drop	35%	A	Ogden Martin / Haverhill	2,151			
GROVELAND	5,454	2,479	0 45	1,976	Curb	Curb	21%	B	Ogden Martin / Haverhill	1,976			
HADLEY	4,117	1,777	0.45 *		Drop	Drop	33%	A					Northampton/Amherst
HALIFAX	7,001	1,229	0 18	902	Curb	Curb	46%	A	SEMASS Resource Recovery	817	Taunton Landfill	85	
HAMILTON	7,523	3,715	0.49	3,110	Curb	Curb	20%	B	Wheelabrator/NESWC	3,110			
HAMPDEN	4,674	1,097	0 23	863	Drop	Drop	21%	B		518	Northampton Landfill	345	
HANCOCK	681	306	0.45 *		Drop	Drop	19%	C					Hancock Landfill
HANOVER	12,400	7,964	0 64	6,549	Drop	Drop	22%	B			E. Bridgewater Landfill	6,549	
HANSON	9,366	3,323	0.35	3,020	Drop	Drop	9%	D	SEMASS Resource Recovery	3,020			
HARDWICK	2,593	876	0 34	674	Sub	Drop	24%	B			Hardwich Landfill	674	
HARVARD	12,543	5,644	0 45 *		Drop	Drop	36%	A					
HARWICH	11,200	8,103	0.72	6,805	Drop	Drop	34%	A	SEMASS Resource Recovery	6,805	Hardwich Landfill		
HATFIELD	3,224	501	0.16	273	Drop	Drop	55%	A			Northampton Landfill	273	TAN/Duseau Trucking
HAVERHILL	54,720	24,540	0 45	23,273	Curb	Drop	20%	B	Ogden Martin / Haverhill	23,273			
HAWLEY	336	151	0 45 *		Drop	Drop	32%	A					
HEATH	778	283	0 36	196	Drop	Drop	31%	A	Springfield Resource Recovery	196			

Municipality	Estimated Population	Estimated MSW** Generation	MSW Generation Rate	MSW Disposed	Collection Method Trash	Collection Method Recycle	Recycling Report Card Rate	Recycling Report Card Grade	Solid Waste Facilities Combustion	Tons	Landfill	Tons	Transfer Station
HINGHAM	20,385	9,874	0 48	7,500	Drop	Drop	40%	A			Hingham Landfill	7,500	
HINSDALE	2,135	944	0 44	800	Drop	Drop	21%	B	Energy Answers Pittsfield	800			
HOLBROOK	11,205	4,615	0 41	3,870	Curb	Curb	41%	A	SEMASS Resource Recovery	3,870			
HOLDEN	15,082	6,787	0 45 *		Curb	Curb	22%	B					
HOLLAND	2,280	866	0.45 *		Sub	Sub	0%	F/I					
HOLLISTON	13,152	6,502	0 49	5,091	Curb	Curb	28%	B	Wheelabrator/Millbury	5,091			
HOLYOKE	46,324	10,530	0.23	9,215	Curb	Curb	21%	B			Granby Landfill	9,215	
HOPEDALE	6,406	2,406	0.45 *		Curb	Curb	31%	A	Wheelabrator/Millbury				
HOPKINTON	10,300	5,096	0.49	3,984	Curb	Curb	30%	A	Wheelabrator/Millbury	3,984			
HUBBARDSTON	3,016	1,162	0 45 *		Sub	Drop	27%	B					
HUDSON	17,770	1,658	0.09	1,560	Sub	Drop	11%	C			Taunton Landfill	1,560	
HULL	11,125	5,006	0 45 *		Sub	Drop	2%	F/I					
HUNTINGTON	2,120	641	0.3	458	Drop	Drop	35%	A			Northampton Landfill	458	Dave Wickles Trucking
IPSWICH	12,171	5,749	0 47	4,509	Curb	Curb	36%	A	Waste Mgmt	4,509			
KINGSTON	10,227	4,874	0.48	4,182	Drop	Drop	20%	B	SEMASS Resource Recovery	4,182			
LAKEVILLE	8,566	3,244	0.38	1,945	Drop	Drop	41%	A	SEMASS Resource Recovery	1,627	Plainville Landfill	318	
LANCASTER	5,850	2,612	0.45 *		Sub	Drop	33%	A					
LANESBOROUGH	3,039	1,368	0 45 *		Sub	Drop	13%	C					
LAWRENCE	70,207	23,201	0.33	21,959	Curb	Curb	10%	C	Ogden Martin / Haverhill	21,959			
LEE	6,247	4,371	0.7	3,618	Sub	Drop	19%	C	HAULER'S DISCRETION	3,618			
LEICESTER	10,731	4,505	0.45 *		Sub	Drop	25%	B					
LENOX	5,663	5,486	0 97	4,496	Sub	Sub	20%	B		4,496			
LEOMINSTER	40,271	18,063	0.45	13,500	Curb	Curb	31%	A			United Waste Systems	13,500	
LEVERETT	1,926	508	0 26	288	Drop	Drop	57%	A			Northampton Landfill	288	
LEXINGTON	29,974	14,876	0.5	10,828	Curb	Curb	34%	A	Wheelabrator/NESWC	10,828			
LEYDEN	683	307	0.45 *		Drop	Drop	21%	B					
LINCOLN	5,085	3,107	0.61	2,331	Drop	Drop	27%	B	Wheelabrator/NESWC	2,331			Rte. 2A, Lincoln
LITTLETON	7,251	3,336	0.46	2,493	Drop	Drop	29%	B	Ogden Martin / Haverhill	2,493			
LONGMEADOW	15,032	6,135	0.41	4,708	Curb	Curb	59%	A	Springfield Resource Recovery	4,708			
LOWELL	103,435	53,805	0.52	43,550	Curb	Curb	25%	B	Ogden Martin / Haverhill	43,550			
LUDLOW	18,600	8,327	0.45	6,946	Curb	Curb	23%	B	Springfield Resource Recovery	6,911	Chicopee Landfill	35	S.R.R.I.
LUNENBURG	9,439	4,248	0.45 *		Sub	Sub	0%	F/I					
LYNN	86,062	37,050	0.43	34,826	Curb	Curb	14%	C	Wheelabrator RESCO	34,828			
LYNNFIELD	11,327	6,111	0.54	4,230	Curb	Curb	35%	A	Ogden Martin / Haverhill	4,230			
MALDEN	55,233	25,080	0.45	23,000	Curb	Curb	24%	B	Wheelabrator RESCO	23,000			
MANCHESTER	5,630	3,019	0.54	2,318	Curb	Curb	24%	B	Wheelabrator/NESWC	2,318			
MANSFIELD	20,000	8,662	0.43	7,305	Curb	Curb	21%	B			Waste Mgmt of RI	7,305	
MARBLEHEAD	19,993	11,269	0.56	9,633	Curb	Curb	35%	A			Waste Mgmt	9,633	
MARION	4,710	3,016	0.64	2,351	Curb	Curb	32%	A	SEMASS Resource Recovery	2,351			Town of Marion
MARLBOROUGH	33,032	14,224	0.45 *		Curb	Drop	8%	D					P.R.T.R.
MARSHFIELD	22,165	15,620	0.7	12,661	Curb	Curb	21%	B			Advanced Waste Syste	12,661	
MASHPEE	10,841	7,454	0.69	6,886	Drop	Drop	12%	C	SEMASS Resource Recovery	6,662	Mashpee Landfill	224	S. Joseph DiMaggio
MATTAPOISETT	5,955	2,932	0 49	2,420	Curb	Curb	54%	A	SEMASS Resource Recovery	2,420			
MAYNARD	10,772	3,780	0 35	2,572	Curb	Curb	37%	A	Wheelabrator/Millbury	2,572			
MEDFIELD	11,319	7,298	0.64	6,205	Drop	Drop	20%	B	Wheelabrator/Millbury	6,205			North Meadows, Medfield

Municipality	Estimated Population	Estimated MSW** Generation	MSW Generation Rate	MSW Disposed	Collection Method: Trash	Collection Method: Recycle	Recycling Report Card: Rate	Recycling Report Card: Grade	Solid Waste Facilities: Combustion	Tons	Landfill	Tons	Transfer Station
MEDFORD	57,407	28,534	0.5	25,484	Curb	Curb	14%	C	Wheelabrator RESCO		Somerville Transfer Sta	25,484	Somerville Transfer Sta
MEDWAY	11,500	5,058	0.44	3,769	Curb	Curb	43%	A	Wheelabrator/Millbury	3,769			
MELROSE	26,899	11,574	0 43	9,551	Curb	Curb	34%	A	Ogden Martin / Haverhill	9,551			
MENDON	4,482	858	0 19	731	Curb	Curb	15%	C	Wheelabrator/Millbury	731			
MERRIMAC	5,485	2,650	0 48	2,340	Drop	Drop	13%	C			Merrimac Landfill	2,340	
METHUEN	41,731	19,394	0 46	17,183	Curb	Curb	23%	B	Ogden Martin / Haverhill	17,183			
MIDDLEBOROUGH	18,754	6,665	0.36	5,777	Curb	Curb	27%	B	SEMASS Resource Recovery	5,777			
MIDDLEFIELD	394	194	0.49	153	Drop	Drop	27%	B			Northampton Landfill	153	Town/Dave Wickles Trkng
MIDDLETON	6,035	1,998	0 33	1,650	Drop	Drop	22%	B			Middleton Landfill	1,650	
MILFORD	26,617	6,151	0.23	4,488	Curb	Curb	38%	A	Wheelabrator/Millbury	4,488			
MILLBURY	12,228	13,927	1.14	12,259	Drop	Drop	15%	C	Wheelabrator/Millbury	12,259			
MILLIS	7,700	2,306	0.3	2,000	Drop	Drop	25%	B	Wheelabrator/Millbury	2,000			
MILLVILLE	2,472	1,112	0.45 *		Curb	Curb	6%	D					
MILTON	25,803	10,997	0 43	8,126	Curb	Curb	45%	A			Milton Landfill	8,126	Waste Management
MONROE	114	43	0 45 *		Sub	Drop	27%	B					BCI
MONSON	7,974	2,485	0 31	2,059	Curb	Curb	20%	B	Wheelabrator/Millbury	2,059			
MONTAGUE	8,492	1,916	0 23	1,040	Curb	Curb	55%	A			Greenfield Landfill	1,040	Recycling Center/BFI
MONTEREY	842	414	0.49	224	Drop	Drop	46%	A			Master Garbologist	224	
MONTGOMERY	759	288	0 45 *		Sub	Curb	31%	A					
MOUNT WASHINGTON	135	77	0.57	50	Drop	Drop	35%	A			Commercial Disposal	50	Mt. Washington
NAHANT	3,691	1,893	0.51	1,594	Curb	Curb	39%	A	Wheelabrator RESCO	1,594			
NANTUCKET	6,559	21,613	3.3	17,000	Drop	Drop	23%	B			Nantucket Landfill	17,000	
NATICK	31,182	9,860	0 32	6,732	Curb	Curb	39%	A	Wheelabrator/Millbury	6,732			BFI-Holliston
NEEDHAM	27,533	19,734	0.72	16,416	Drop	Drop	28%	B	Wheelabrator/Millbury	8,565	Needham Landfill	7,851	Needham Transfer Sta
NEW ASHFORD	225	86	0.45 *		Drop	Drop	75%	A	Energy Answers Pittsfield		Chicopee Landfill		North Adams
NEW BEDFORD	100,000	36,573	0.37	33,997	Curb	Curb	17%	C			Dartmouth Landfill	33,997	Shawmut Ave
NEW BRAINTREE	930	419	0 45 *		Drop	Drop	7%	D					
NEW MARLBOROUGH	1,243	333	0.27	192	Drop	Drop	42%	A	Hauler's Option/BCI	192			
NEW SALEM	835	317	0.45 *		Drop	Drop	36%	A					United Waste
NEWBURY	6,039	6,564	1.09	6,044	Drop	Drop	27%	B			Newbury Landfill	6,044	
NEWBURYPORT	16,579	9,007	0.54	7,735	Curb	Curb	20%	B		7,735			
NEWTON	81,968	39,274	0.48	27,519	Curb	Curb	44%	A	Wheelabrator/Millbury	27,519			
NORFOLK	10,423	1,737	0.17	1,045	Drop	Drop	46%	A	SEMASS Resource Recovery	858	Plainville Landfill	187	
NORTH ADAMS	16,717	12,333	0.74	10,251	Drop	Drop	17%	C	Energy Answers Pittsfield	10,251			North Adams
NORTH ANDOVER	24,279	10,438	0 43	8,412	Curb	Curb	40%	A	Wheelabrator/NESWC	8,412			
NORTH ATTLEBOROUGH	27,139	8,748	0.32	7,103	Curb	Curb	27%	B			North Attleborough LF	7,103	
NORTH BROOKFIELD	4,948	1,192	0.24	800	Drop	Drop	38%	A	Wheelabrator/Millbury	15	N Brookfield/Barre LFs	785	North Brookfield T&R
NORTH READING	12,300	6,049	0.49	5,246	Curb	Drop	16%	C	Wheelabrator/NESWC	5,246			
NORTHAMPTON	28,879	11,173	0.39	8,374	Drop	Drop	34%	A			Northampton Landfill	8,374	
NORTHBOROUGH	12,799	6,091	0.48	4,957	Curb	Curb	24%	B	Wheelabrator/Millbury	4,957			
NORTHBRIDGE	13,988	1,753	0.13	1,753	Sub	Sub	0%	F/I	Wheelabrator/Millbury	1,753			
NORTHFIELD	2,919	743	0.25	515	Drop	Drop	31%	A			Bernardston Landfill	515	
NORTON	15,283	2,550	0 17	1,661	Curb	Curb	37%	A	SEMASS Resource Recovery	1,661			
NORWELL	9,597	8,136	0.85	3,636	Curb	Curb	56%	A	SEMASS Resource Recovery	3,636			
NORWOOD	28,326	10,519	0 37	8,690	Curb	Curb	37%	A			Plainville Landfill	8,690	

Municipality	Estimated Population	Estimated MSW** Generation	MSW Generation Rate	MSW Disposed	Collection Method Trash	Collection Method Recycle	Recycling Report Card Rate	Recycling Report Card Grade	Solid Waste Facilities Combustion	Tons	Landfill	Tons	Transfer Station
OAK BLUFFS	2,520	3,157	1.25	2,113	Curb	Drop	35%	A			Oak Bluffs Landfill	2,113	BFI
OAKHAM	1,689	760	0.45 *		Curb	Drop	0%	F/I					
ORANGE	7,312	4,623	0 63	3,422	Drop	Drop	51%	A			Orange Landfill	3,422	
ORLEANS	5,832	4,944	0 85	4,200	Drop	Drop	21%	B	SEMASS Resource Recovery	3,000	Demolition-AWS	1,200	
OTIS	1,122	727	0.65	512	Drop	Drop	33%	A			Master Garbologist	512	
OXFORD	13,218	7,264	0 55	7,134	Sub	Sub	10%	C	Wheelabrator/Millbury	7,134			
PALMER	12,265	5,519	0.45 *		Drop	Drop	6%	D					
PAXTON	4,130	1,458	0.35	1,153	Curb	Curb	27%	B	Wheelabrator/Millbury	1,153			
PEABODY	47,740	23,632	0 5	19,813	Curb	Curb	22%	B	Wheelabrator/NESWC	19,813			
PELHAM	1,423	640	0 45 *		Sub	Drop	12%	C					
PEMBROKE	15,726	6,612	0 42	5,637	Curb	Drop	28%	B			Fall River Landfill	5 637	
PEPPERELL	11,115	1,779	0 16	1,585	Drop	Drop	11%	C	Wheelabrator RESCO	210	Pepperell Landfill	1,375	
PERU	868	279	0.32	220	Drop	Drop	28%	B			Granby Landfill	220	
PETERSHAM	1,177	530	0 45 *		Drop	Drop	11%	C					New Salem Road
PHILLIPSTON	1,667	750	0.45 *		Drop	Drop	13%	C					
PITTSFIELD	47,927	57,949	1 21	55,198	Curb	Curb	6%	D	Energy Answers Pittsfield	55,198			
PLAINFIELD	609	136	0.22	80	Drop	Drop	48%	A			Northampton Landfill	80	Town/Wickles Trucking
PLAINVILLE	7,229	2,594	0.36	2,115	Curb	Curb	22%	B			Plainville Landfill	2,115	
PLYMOUTH	49,797	35,039	0.7	32,495	Drop	Drop	20%	B	SEMASS Resource Recovery	32,400	Plymouth Landfill	95	3 locs./American Ref-Fuel
PLYMPTON	2,582	1,197	0.46	1,000	Drop	Drop	17%	C	SEMASS Resource Recovery	1,000			Waste Mgmt
PRINCETON	3,531	1,441	0.41	1,058	Sub	Sub	27%	B	Wheelabrator	1,058			
PROVINCETOWN	3,577	5,587	1.56	4,748	Curb	Curb	17%	C	SEMASS Resource Recovery	4,748			
QUINCY	85,988	35,355	0.41	29,558	Curb	Curb	26%	B	SEMASS Resource Recovery		Fall River Landfill	29,558	SEMASS, Braintree
RANDOLPH	31,365	12,817	0 41	10,908	Curb	Curb	20%	B			E. Bridgewater Landfill	10,908	
RAYNHAM	10,181	15,304	1.5	14,700	Drop	Drop	25%	B			Raynham Landfill	14,700	
READING	22,659	10,403	0 46	9,200	Curb	Curb	24%	B	Waste Managemnt of Mass.	9,200			
REHOBOTH	9,653	1,475	0.15	1,019	Drop	Drop	34%	A	SEMASS Resource Recovery	1,004			
REVERE	43,766	21,105	0 48	18,450	Curb	Curb	15%	C	Wheelabrator RESCO	18,450	BMC		
RICHMOND	1,685	782	0.46	588	Curb	Curb	35%	A	Energy Answers Pittsfield	588			
ROCHESTER	4,217	1,792	0.42	1,650	Curb	Curb	8%	D	SEMASS Resource Recovery	1,650			
ROCKLAND	16,559	6,607	0.4	5,299	Curb	Curb	25%	B	SEMASS Resource Recovery	5,299			
ROCKPORT	7,773	3,837	0 49	2,716	Drop	Drop	53%	A	Wheelabrator RESCO	2,716			
ROWE	373	168	0.45 *		Drop	Drop	46%	A			Granby Landfill		Commercial Disposal
ROWLEY	4,739	1,818	0.38	1,700	Sub	Drop	6%	D	Ogden Martin / Haverhill	1,700			
ROYALSTON	1,213	331	0.27	200	Drop	Drop	53%	A			Royalston Landfill	200	
RUSSELL	1,704	432	0 25	314	Drop	Drop	31%	A			United Waste	314	Russell
RUTLAND	5,303	2,386	0.45 *		Curb	Drop	0%	F/I					
SALEM	39,332	18,151	0 46	15,456	Curb	Curb	24%	B	Wheelabrator RESCO	7,728	Plainville Landfill	7,728	
SALISBURY	7,389	3,260	0.44	3,000	Curb	Drop	10%	C			Salisbury Landfill	3,000	
SANDISFIELD	668	271	0 41	217	Drop	Drop	20%	B			Master Garbologist	217	
SANDWICH	17,947	11,284	0.63	10,155	Drop	Drop	29%	B	SEMASS Resource Recovery	10,155			Sandwich
SAUGUS	25,553	11,740	0 46	10,299	Curb	Curb	21%	B	Wheelabrator RESCO	10,299			
SAVOY	738	332	0.45 *		Drop	Drop	7%	D					Berkshire Cleanway
SCITUATE	18,000	10,843	0 6	9,298	Drop	Drop	26%	B			Driftway Landfill	9,298	
SEEKONK	14,435	5,793	0.4	4,309	Curb	Curb	35%	A			Fall River Landfill	4,309	

Municipality	Estimated Population	Estimated MSW** Generation	MSW Generation Rate	MSW Disposed	Collection Method Trash	Collection Method Recycle	Recycling Report Card Rate	Recycling Report Card Grade	Solid Waste Facilities Combustion	Tons	Landfill	Tons	Transfer Station
SHARON	17,298	7,752	0.45	5,675	Curb	Curb	31%	A	SEMASS Resource Recovery	5,675			
SHEFFIELD	2,929	1,992	0.68	1,458	Drop	Drop	30%	A			Chicopee LF, CT, Pittsfi	1,458	
SHELBURNE	2,032	481	0 24	318	Drop	Drop	34%	A			Bernardston Landfill	318	
SHERBORN	4,038	2,503	0 62	1,986	Drop	Drop	29%	B	Wheelabrator/Millbury	1,986			Sherborn
SHIRLEY	5,844	2,444	0 42	2,227	Curb	Drop	15%	C			Shirley Landfill	2,227	
SHREWSBURY	24,797	11,372	0.46	8,508	Curb	Curb	32%	A	Wheelabrator/Millbury	8,508			
SHUTESBURY	1,650	573	0 35	417	Curb	Drop	27%	B			Amherst Landfill	417	
SOMERSET	17,078	6,603	0 39	4,261	Curb	Curb	49%	A	SEMASS Resource Recovery	4,261			
SOMERVILLE	78,385	34,746	0 45 *		Curb	Curb	14%	C					Somerville/Waste Mgmt
SOUTH HADLEY	16,988	8,652	0.51	7,195	Curb	Curb	23%	B	Springfield Resource Recovery	352	South Hadley Landfill	6,843	
SOUTHAMPTON	4,636	1,746	0.38	750	Drop	Drop	67%	A			Northampton Landfill	750	
SOUTHBOROUGH	6,819	3,069	0.45 *		Drop	Drop	14%	C					
SOUTHBRIDGE	17,000	1,949	0 11	950	Curb	Curb	62%	A			Fall River Landfill	950	
SOUTHWICK	7,624	4,507	0.59	3,987	Drop	Drop	18%	C	Springfield Resource Recovery	3,987			
SPENCER	12,218	5,383	0 45 *		Drop	Drop	22%	B					Wheelabrator Millbury
SPRINGFIELD	150,000	47,363	0.32	40,378	Curb	Curb	31%	A	Springfield Resource Recovery	40,378	Regional Ash Landfill		
STERLING	6,733	2,814	0.42	2,152	Curb	Curb	31%	A	Leominster	1,359	Westminster Landfill	793	
STOCKBRIDGE	2,397	1,057	0.45 *		Drop	Drop	47%	A					Berkshire Cleanway
STONEHAM	22,238	9,198	0.41	7,831	Curb	Curb	24%	B	Ogden Martin / Haverhill	7,831			
STOUGHTON	27,147	8,800	0.32	8,196	Curb	Curb	24%	B	SEMASS Resource Recovery	8,196			
STOW	5,626	2,510	0.45 *		Sub	Drop	12%	C					
STURBRIDGE	8,479	501	0.06	263	Drop	Drop	54%	A	Wheelabrator/Millbury	24		239	
SUDBURY	14,726	3,199	0.22	1,850	Drop	Drop	47%	A	SEMASS Resource Recovery	1,850			
SUNDERLAND	3,830	784	0.2	576	Curb	Curb	46%	A			Bernardston Landfill	576	
SUTTON	7,324	1,990	0.27	1,820	Drop	Drop	11%	C			Sutton Landfill	1,820	
SWAMPSCOTT	14,500	6,378	0.44	5,053	Curb	Curb	49%	A				5,053	Waste Mgmt
SWANSEA	15,373	7,296	0 47	5,577	Curb	Curb	34%	A			Fall River Landfill	5,577	
TAUNTON	52,900	18,100	0.34	15,003	Curb	Curb	34%	A			Taunton Landfill	15,003	
TEMPLETON	6,600	2,267	0 34	1,919	Drop	Drop	23%	B	Wheelabrator/Millbury	774	Barre Landfill	1,145	
TEWKSBURY	29,077	12,258	0.42	10,732	Curb	Curb	16%	C	Wheelabrator/NESWC	10,732			
TISBURY	3,102	1,208	0.45 *		Curb	Curb	64%	A					BFI-Oak Bluffs
TOLLAND	326	196	0 6	144	Drop	Drop	27%	B			Granby Landfill	144	
TOPSFIELD	5,728	2,887	0.5	2,300	Curb	Curb	27%	B			Topsfield Landfill	2,300	
TOWNSEND	9,026	3,397	0.45 *		Curb	Drop	36%	A			Townsend Landfill		
TRURO	1,821	2,118	1.16	1,713	Drop	Drop	24%	B	SEMASS Resource Recovery	1,596	Truro Landfill	116	Truro
TYNGSBOROUGH	9,500	5,153	0.54	4,522	Curb	Curb	13%	C	Wheelabrator/NESWC	4,522			
TYRINGHAM	363	554	1.53	435	Drop	Drop	21%	B			Lenox Trucking	435	
UPTON	5,024	1,727	0.34	1,194	Drop	Drop	31%	A	Wheelabrator/Millbury	1,194			Upton Fuel & Construction
UXBRIDGE	11,393	5,041	0 45 *		Sub	Drop	2%	F/I					
WAKEFIELD	24,741	10,514	0.42	8,297	Curb	Curb	38%	A	Ogden Martin / Haverhill	8,297			
WALES	1,676	654	0 45 *		Drop	Drop	37%	A					Commercial Disposal
WALPOLE	21,086	8,130	0.39	6,162	Curb	Curb	41%	A	Wheelabrator/Millbury	6,162			
WALTHAM	59,251	27,569	0 47	23,480	Curb	Curb	25%	B	SEMASS Resource Recovery	23,480			
WARE	10,254	4,614	0 45 *		Drop	Drop	28%	B					
WAREHAM	20,037	18,360	0.92	18,326	Sub	Drop	10%	C	SEMASS Resource Recovery	18,326			

Municipality	Estimated Population	Estimated MSW** Generation	MSW Generation Rate	MSW Disposed	Collection Method Trash	Collection Method Recycle	Recycling Report Card Rate	Recycling Report Card Grade	Solid Waste Facilities Combustion	Tons	Landfill	Tons	Transfer Station
WARREN	4,744	693	0 15	463	Drop	Drop	56%	A			Warren Landfill	463	
WARWICK	751	308	0 41	210	Drop	Drop	42%	A				210	
WASHINGTON	615	200	0.33	132	Drop	Drop	49%	A	Energy Answers Pittsfield	132			Lenox Trucking
WATERTOWN	33,284	17,258	0 52	14,745	Curb	Curb	17%	C	Wheelabrator/NESWC	14,745			
WAYLAND	12,724	4,816	0.38	2,282	Drop	Drop	64%	A			Wayland Landfill	2,282	
WEBSTER	16,829	6,395	0 45 *		Drop	Drop	24%	B	Wheelabrator/Millbury				Cudworth Road
WELLESLEY	26,215	10,676	0.41	7,279	Drop	Drop	63%	A			Plainville Landfill	7,279	Wood Recycling Peabody
WELLFLEET	2,497	4,062	1.63	3,111	Drop	Drop	25%	B	SEMASS Resource Recovery	2,384	Bourne Landfill	727	
WENDELL	981	237	0.24	140	Drop	Drop	45%	A			Commercial Disposal	140	
WENHAM	4,253	1,675	0 39	1,447	Curb	Curb	25%	B	Wheelabrator/NESWC	1,447			
WEST BOYLSTON	6,823	2,281	0.33	1,699	Curb	Curb	37%	A			Westminster Landfill	1,699	
WEST BRIDGEWATER	6,481	3,230	0.5	2,676	Drop	Drop	27%	B	SEMASS Resource Recovery	2,676			
WEST BROOKFIELD	3,707	1,472	0.4	1,107	Drop	Drop	36%	A			West Brookfield LF	1,107	
WEST NEWBURY	3,599	2,119	0.59	1,786	Curb	Drop	25%	B	Wheelabrator RESCO	1,786			
WEST SPRINGFIELD	27,705	10,430	0.38	8,730	Curb	Curb	21%	B	Springfield Resource Recovery	8,730			
WEST STOCKBRIDGE	1,502	1,003	0.67	785	Drop	Drop	29%	B			Master Garbologist	785	
WEST TISBURY	1,774	2,872	1.62	2,450	Drop	Drop	19%	C	SEMASS Resource Recovery	1,960	Chilmark Landfill	490	
WESTBOROUGH	14,260	5,318	0.37	4,300	Drop	Drop	25%	B	Wheelabrator/Millbury	4,300			E.L. Harvey & Sons
WESTFIELD	39,310	16,378	0.42	13,125	Curb	Curb	26%	B			Westfield Landfill	13,125	
WESTFORD	18,125	9,338	0.52	7,539	Curb	Drop	27%	B	Wheelabrator/Millbury	7,539			
WESTHAMPTON	1,374	672	0.49	597	Drop	Drop	16%	C			Westhampton Landfill	597	
WESTMINSTER	6,477	2,711	0.45 *		Sub	Curb	24%	B			Westminster Landfill		
WESTON	10,660	4,994	0.47	3,502	Drop	Drop	38%	A	Wheelabrator/Millbury	3,502			
WESTPORT	13,816	2,226	0.16	1,729	Drop	Drop	24%	B			Westport landfill	1,729	
WESTWOOD	12,940	6,672	0.52	5,780	Curb	Drop	24%	B	Wheelabrator/Millbury	5,780			
WEYMOUTH	54,207	23,794	0.44	19,950	Curb	Curb	25%	B			Middleton Landfill	19,950	Waste Mgmt
WHATELY	1,430	252	0.18	132	Drop	Drop	48%	A			Northampton Landfill	132	
WHITMAN	13,416	5,254	0 39	4,500	Curb	Curb	32%	A	SEMASS Resource Recovery	4,500			
WILBRAHAM	12,635	3,817	0.3	2,788	Drop	Drop	35%	A	Springfield Resource Recovery	2,788			Berkshire Cleanway
WILLIAMSBURG	2,559	1,102	0.43	828	Drop	Drop	30%	A			Northampton Landfill	828	Town/Duseau Trucking
WILLIAMSTOWN	7,888	1,050	0.13	614	Drop	Drop	60%	A			Chicopee Landfill	614	
WILMINGTON	20,191	10,375	0.51	8,956	Curb	Curb	20%	B	Wheelabrator/NESWC	8,956			
WINCHENDON	9,654	4,309	0.45 *		Drop	Drop	15%	C			Winchendon Landfill		
WINCHESTER	20,044	14,016	0 7	11,940	Drop	Drop	26%	B	Wheelabrator/NESWC	11,940			
WINDSOR	770	347	0.45 *		Drop	Drop	19%	C					BCI
WINTHROP	17,628	9,000	0.51	8,000	Curb	Curb	22%	B			NH Landfill	8,000	
WOBURN	35,917	15,522	0.43	13,904	Curb	Curb	11%	C	Ogden Martin / Haverhill	13,904			
WORCESTER	169,759	38,227	0 23	24,142	Curb	Curb	52%	A	Wheelabrator/Millbury	24,142			
WORTHINGTON	1,248	329	0.26	200	Drop	Drop	45%	A			Northampton Landfill	200	Town/Wickles Trucking
WRENTHAM	10,000	4,572	0 46	3,682	Curb	Curb	40%	A			Plainville Landfill	3,682	
YARMOUTH	21,430	8,413	0 39	6,301	Drop	Drop	54%	A	SEMASS Resource Recovery		Robert Childs Inc	6,301	Yarmouth/Barnsable Reg TS
TOTALS: 351	6,175,974	2,778,727											

* Default estimated generation rate.

** Estimated MSW generation does not include compost.

Appendix F
Municipal Access to Recycling

Recycling Collection Method and Materials Accepted (based on MassRecycle Recycle/Compost Guide 1996)

Municipality	Recycle Collection *	Newspaper	Mixed Paper	Cardboard	Wax/Aseptic Cartons	Glass	#1 Plastic	#2 Plastic	Other Plastic	Aluminum Cans/Foil	Steel in Cans	Aerosol Cans	White Goods	Scrap Metal	Motor Oil	Antifreeze	Auto Batteries	Tires	Leaves	Xmas Trees	Other Material	Paint Products
ABINGTON	Curb	X	X	X			X	X		X	X		X		X	X	X	X	X	X		X
ACTON	Drop	X	X	X		X	X	X		X	X		X	X	X		X	X	X	X	X	
ACUSHNET	Curb	X				X		X					X	X				X	X	X		
ADAMS	Drop	X	X	X	X	X	X	X	X	X	X	X						X			X	
AGAWAM	Curb	X	X	X	X	X	X	X	X	X	X				X				X			X
ALFORD	Drop	X	X	X	X	X	X	X	X	X	X		X									
AMESBURY	Curb	X				X		X		X	X		X						X	X		
AMHERST	Curb	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
ANDOVER	Curb	X	X	X		X	X	X		X	X				X				X	X		X
ARLINGTON	Curb	X	X	X		X	X	X	X	X	X	X	X		X	X	X		X	X		
ASHBURNHAM	Curb	X	X	X		X	X	X	X	X	X		X	X				X	X	X	X		
ASHBY	Curb	X	X	X		X	X	X		X	X		X	X	X			X					
ASHFIELD	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X			X	X
ASHLAND	Curb	X	X	X	X	X	X	X		X	X		X		X				X	X		X
ATHOL	Sub																					
ATTLEBORO	Curb	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X		X
AUBURN	Curb	X	X	X		X	X	X	X	X	X		X	X				X	X	X		
AVON	Curb	X	X	X		X	X	X		X	X								X	X		
AYER	Drop	X	X	X		X	X	X		X	X		X	X	X		X	X	X	X	X	X
BARNSTABLE	Drop	X	X	X		X	X	X		X	X		X	X	X			X	X	X	X	X
BARRE	Drop	X	X	X		X	X	X		X	X		X	X	X		X	X	X	X	X	
BECKET	Drop	X	X	X	X	X	X	X	X	X	X		X	X				X		X		
BEDFORD	Curb	X	X	X		X	X	X	X	X	X		X					X	X			
BELCHERTOWN	Drop	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X
BELLINGHAM	Curb	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X
BELMONT	Curb	X	X			X	X	X		X	X		X		X				X			
BERKLEY	Drop	X	X	X		X	X	X		X	X	X	X	X	X		X	X	X	X	X	
BERLIN	Drop	X	X	X		X	X	X	X	X	X		X	X				X		X		
BERNARDSTON	Drop	X			X	X	X			X	X				X	X	X			X		X
BEVERLY	Curb	X	X			X				X	X		X						X	X		
BILLERICA	Curb	X	X	X		X	X	X		X	X		X		X		X	X	X	X	X	X
BLACKSTONE	Drop	X	X	X		X	X	X	X	X	X		X	X			X	X	X	X	X	
BLANDFORD	Drop	X	X	X	X		X	X	X	X	X		X	X	X		X	X	X	X	X	X
BOLTON	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X			X			X	X
BOSTON	Curb	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
BOURNE	Curb	X	X	X	X			X		X	X	X	X		X	X	X	X	X	X	X	X
BOXBOROUGH	Drop	X	X	X		X	X	X	X	X	X	X	X	X	X		X	X				
BOXFORD	Curb	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X		X	X	
BOYLSTON	Sub																					
BRAINTREE	Curb	X	X	X		X	X	X		X	X	X	X	X			X	X	X	X		
BREWSTER	Drop	X	X	X		X	X	X		X	X		X	X	X		X	X	X	X	X	
BRIDGEWATER	Drop	X	X	X		X	X	X	X	X	X		X	X	X			X	X	X	X	
BRIMFIELD	Drop	X	X	X	X	X	X	X		X	X		X	X				X		X		
BROCKTON	Curb	X	X	X		X	X	X	X	X	X	X	X	X			X	X	X	X		
BROOKFIELD	Drop	X	X	X		X	X	X		X	X		X	X	X		X	X	X	X	X	
BROOKLINE	Curb	X	X	X	X	X	X	X		X	X	X	X	X					X	X		
BUCKLAND	Drop	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X
BURLINGTON	Curb	X	X	X	X	X	X	X	X	X	X	X	X					X	X			
CAMBRIDGE	Curb	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	
CANTON	Curb	X	X	X		X	X	X		X			X					X	X	X		
CARLISLE	Drop	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X		X	X	

Municipality	Recycle Collection *	Newspaper	Mixed Paper	Cardboard	Wax/Aseptic Cartons	Glass	#1 Plastic	#2 Plastic	Other Plastic	Aluminum Cans/Foil	Steel/Tin Cans	Aerosol Cans	White Goods	Scrap Metal	Motor Oil	Antifreeze	Auto Batteries	Tires	Leaves	Xmas Trees	Other Material	Paint Products
CARVER	Drop	X		X		X	X	X		X	X		X	X				X	X	X		
CHARLEMONT	Drop	X	X	X	X	X	X	X	X	X	X	X			X	X	X				X	X
CHARLTON	Sub																					
CHATHAM	Drop	X		X		X	X	X		X	X		X	X	X		X		X	X	X	
CHELMSFORD	Curb	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X		X	X	X	X
CHELSEA	Curb	X	X	X		X	X	X		X	X		X	X	X				X	X		
CHESHIRE	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X			X	X	X	X	
CHESTER	Drop	X	X	X		X	X	X	X	X	X		X	X			X	X	X	X	X	
CHESTERFIELD	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X				X
CHICOPEE	Curb	X	X	X	X	X	X	X	X	X	X								X	X		
CHILMARK	Drop	X	X	X		X		X		X	X		X	X				X	X	X		
CLARKSBURG	Drop	X	X	X	X	X	X	X	X	X	X		X	X				X	X	X		
CLINTON	Drop	X	X			X	X	X	X	X	X	X	X	X			X	X	X	X		
COHASSET	Drop	X	X	X		X	X	X		X	X		X		X		X	X	X	X		X
COLRAIN	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X			X	
CONCORD	Curb	X	X	X	X	X	X	X	X	X	X	X			X				X	X		X
CONWAY	Drop	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X
CUMMINGTON	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X			X	X
DALTON	Drop	X	X	X	X	X	X	X	X	X	X		X	X				X	X	X		
DANVERS	Curb	X	X	X		X	X	X		X	X		X						X	X		
DARTMOUTH	Curb																					
DEDHAM	Curb	X				X	X	X		X												
DEERFIELD	Drop	X					X	X	X					X				X	X	X		
DENNIS	Drop	X	X	X		X	X	X		X	X		X	X	X		X	X	X	X	X	X
DIGHTON	Curb	X	X	X		X	X	X	X	X	X	X	X	X			X	X	X	X		
DOUGLAS	Drop	X		X		X		X		X			X	X							X	
DOVER	Drop	X	X	X		X	X		X	X	X	X		X	X		X	X	X	X	X	X
DRACUT	Curb	X	X	X	X	X	X	X	X	X	X		X		X		X	X	X	X	X	
DUDLEY	Drop	X	X	X		X		X		X	X	X	X	X	X		X	X	X	X	X	
DUNSTABLE	Drop	X	X	X		X	X	X		X	X		X	X	X	X	X	X				
DUXBURY	Drop	X	X	X		X	X	X		X	X		X	X			X	X	X	X	X	X
EAST BRIDGEWATER	Drop	X	X			X	X	X		X	X		X	X					X	X	X	
EAST BROOKFIELD	Curb	X	X	X	X	X	X	X	X	X	X		X	X					X	X	X	
EAST LONGMEADOW	Curb	X	X	X		X	X	X		X	X	X	X	X	X		X					
EASTHAM	Drop	X	X	X		X	X	X		X	X		X	X			X	X			X	
EASTHAMPTON	Sub												X		X					X		
EASTON	Drop	X	X	X		X	X	X		X	X		X	X	X		X	X	X	X	X	X
EDGARTOWN	Drop	X	X	X		X		X		X	X		X	X				X	X	X		
EGREMONT	Drop	X	X	X	X	X	X	X	X	X	X		X	X								
ERVING	Curb	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		X
ESSEX	Drop	X	X	X		X	X	X	X	X	X		X	X						X	X	
EVERETT	Curb	X	X			X				X	X								X			
FAIRHAVEN	Curb	X	X			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
FALL RIVER	Drop	X	X	X		X	X			X	X		X	X				X	X	X		
FALMOUTH	Curb	X	X	X		X	X	X		X	X		X	X	X		X	X	X	X	X	
FITCHBURG	Curb	X	X	X		X	X	X	X	X	X		X		X		X	X	X	X		
FLORIDA	Drop	X	X	X	X	X	X	X	X	X	X		X					X				
FOXBOROUGH	Curb	X	X	X	X	X	X	X	X	X	X		X	X				X	X	X		
FRAMINGHAM	Curb	X	X	X	X	X	X	X	X	X	X		X	X	X		X		X	X		X
FRANKLIN	Curb	X	X	X		X	X	X		X	X		X	X			X	X	X	X	X	
FREETOWN	Drop	X	X	X		X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
GARDNER	Curb	X	X	X	X	X	X	X		X	X	X							X	X		
GAY HEAD	Drop	X	X	X		X		X		X	X		X	X				X	X	X		
GEORGETOWN	Sub																					
GILL	Drop	X					X			X	X									X		X
GLOUCESTER	Curb	X	X			X	X	X		X	X								X	X		

Municipality	Recycle Collection *	Newspaper	Mixed Paper	Cardboard	Wax/Aseptic Cartons	Glass	#1 Plastic	#2 Plastic	Other Plastic	Aluminum Cans/Foil	Steel/Tin Cans	Aerosol Cans	White Goods	Scrap Metal	Motor Oil	Antifreeze	Auto Batteries	Tires	Leaves	Xmas Trees	Other Material	Paint Products
GOSHEN	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X			X	X
GOSNOLD	Curb	X				X		X		X	X											
GRAFTON	Drop	X	X			X	X	X		X	X		X	X	X				X	X		
GRANBY	Drop	X	X	X	X	X	X	X	X	X	X		X	X			X	X	X	X		X
GRANVILLE	Drop	X	X	X	X	X	X	X	X	X	X		X	X								
GREAT BARRINGTON	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X
GREENFIELD	Curb	X	X	X		X	X	X	X	X	X			X	X	X	X	X	X	X	X	X
GROTON	Drop	X	X	X		X	X	X		X	X		X	X	X		X	X	X	X	X	
GROVELAND	Curb	X	X			X	X	X		X	X		X	X				X		X		
HADLEY	Drop	X	X	X	X	X				X	X	X	X	X	X		X	X	X	X	X	
HALIFAX	Curb	X	X	X		X	X	X		X	X		X	X	X		X	X	X	X	X	X
HAMILTON	Curb	X	X			X	X	X		X	X		X						X	X		
HAMPDEN	Drop	X				X		X		X	X		X					X	X	X	X	X
HANCOCK	Drop	X	X	X	X	X	X	X	X	X	X		X	X				X		X		
HANOVER	Drop	X	X	X		X	X	X	X	X	X		X	X	X	X		X	X	X	X	
HANSON	Drop	X				X	X	X		X	X		X	X				X	X	X	X	
HARDWICK	Drop	X	X	X		X	X	X	X	X	X	X			X		X	X			X	X
HARVARD	Drop	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X		X	X	
HARWICH	Drop	X	X	X		X		X		X	X		X	X	X		X	X	X	X	X	X
HATFIELD	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
HAVERHILL	Drop	X	X	X		X		X		X	X	X	X	X	X			X	X	X		
HAWLEY	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X			X	X
HEATH	Drop	X	X	X	X	X				X	X		X	X							X	X
HINGHAM	Drop	X	X	X		X	X	X		X	X		X	X	X		X	X	X	X	X	
HINSDALE	Drop	X	X	X	X		X	X	X	X	X		X	X				X				
HOLBROOK	Curb	X	X	X		X	X	X	X	X	X	X										
HOLDEN	Curb	X	X	X		X	X	X	X	X	X		X	X	X	X	X	X	X	X		
HOLLAND	Sub											X	X	X					X			
HOLLISTON	Curb	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X		X
HOLYOKE	Curb	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X
HOPEDALE	Curb	X	X	X		X	X	X	X	X	X		X						X	X		
HOPKINTON	Curb	X	X	X		X	X	X		X	X		X	X	X		X		X	X	X	
HUBBARDSTON	Drop	X	X	X		X	X	X	X	X	X	X	X	X			X	X			X	
HUDSON	Drop	X	X	X		X	X	X	X	X	X		X					X	X	X	X	
HULL	Drop	X	X	X									X		X			X	X	X		
HUNTINGTON	Drop	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X			X	X
IPSWICH	Curb	X	X	X		X	X	X		X	X		X	X			X	X	X	X	X	X
KINGSTON	Drop	X	X	X		X	X	X		X	X		X	X			X	X	X		X	
LAKEVILLE	Drop	X	X	X		X	X	X	X	X	X	X	X	X	X			X	X	X	X	
LANCASTER	Drop	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
LANESBOROUGH	Drop	X	X	X		X	X	X	X	X	X							X				
LAWRENCE	Curb	X	X	X	X	X	X	X		X	X	X	X	X	X		X	X	X	X		
LEE	Drop	X	X	X	X	X	X	X	X	X	X								X	X	X	X
LEICESTER	Drop	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
LENOX	Sub	X	X	X	X	X	X	X	X	X	X								X	X	X	X
LEOMINSTER	Curb	X	X	X		X	X	X		X	X		X					X	X	X		
LEVERETT	Drop	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X
LEXINGTON	Curb	X	X	X			X	X		X	X		X					X	X	X		
LEYDEN	Drop						X	X	X						X	X	X					X
LINCOLN	Drop	X	X	X		X	X	X	X	X	X		X	X				X	X		X	
LITTLETON	Drop	X	X	X		X	X	X		X	X		X	X	X		X	X	X	X	X	
LONGMEADOW	Curb	X		X		X	X	X		X	X		X				X	X	X			
LOWELL	Curb	X	X	X	X	X	X	X		X	X	X	X		X	X	X	X	X	X		X
LUDLOW	Curb	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	
LUNENBURG	Sub																					
LYNN	Curb	X	X	X		X	X			X	X								X	X		

Municipality	Recycle Collection *	Newspaper	Mixed Paper	Cardboard	Wax/Aseptic Cartons	Glass	#1 Plastic	#2 Plastic	Other Plastic	Aluminum Cans/Foil	Steel/Tin Cans	Aerosol Cans	White Goods	Scrap Metal	Motor Oil	Antifreeze	Auto Batteries	Tires	Leaves	Xmas Trees	Other Material	Paint Products
LYNNFIELD	Curb	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MALDEN	Curb	X	X			X	X	X		X	X		X					X	X	X	X	
MANCHESTER	Curb	X	X			X	X	X		X	X				X				X	X		
MANSFIELD	Curb	X	X	X		X	X	X	X	X	X		X	X	X		X		X	X	X	
MARBLEHEAD	Curb	X	X	X		X		X		X	X		X	X	X		X	X	X	X	X	
MARION	Curb	X	X			X	X	X			X		X	X	X		X	X	X	X		
MARLBOROUGH	Drop	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X
MARSHFIELD	Curb	X	X	X		X	X	X		X	X		X	X	X	X	X	X	X	X		X
MASHPEE	Drop	X				X		X		X	X		X	X	X		X	X	X	X		
MATTAPOISETT	Curb	X	X			X	X	X		X	X		X	X			X		X	X		
MAYNARD	Curb	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	
MEDFIELD	Drop	X	X	X		X	X	X		X	X		X	X	X			X	X	X	X		
MEDFORD	Curb	X	X	X		X	X	X	X	X	X		X	X					X	X		
MEDWAY	Curb	X	X	X	X	X	X	X	X	X	X		X	X					X	X	X	
MELROSE	Curb	X	X	X		X	X	X		X	X		X					X	X	X	X	
MENDON	Curb	X	X	X		X	X	X	X	X	X		X	X								
MERRIMAC	Drop	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
METHUEN	Curb	X	X	X		X		X		X	X		X	X				X	X	X	X	
MIDDLEBOROUGH	Curb	X	X			X	X	X					X	X	X	X	X	X	X			
MIDDLEFIELD	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X			X	X
MIDDLETON	Drop	X	X	X	X	X	X	X		X	X	X	X	X	X				X	X	X	
MILFORD	Curb	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		X
MILLBURY	Drop	X	X	X		X		X		X	X		X	X	X		X		X	X	X	
MILLIS	Drop	X	X			X	X	X		X	X		X	X					X	X		
MILLVILLE	Curb	X	X	X		X	X	X		X	X		X	X								
MILTON	Curb	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		
MONROE	Drop	X	X	X	X	X	X	X	X	X	X				X							
MONSON	Curb	X	X	X	X	X	X		X	X	X		X						X			
MONTAGUE	Curb	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
MONTEREY	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X			X	
MONTGOMERY	Curb	X	X	X	X	X	X	X	X	X	X	X										
MOUNT WASHINGTON	Drop	X	X	X	X	X	X	X	X	X	X		X									
NAHANT	Curb	X	X	X		X	X	X		X	X								X	X		
NANTUCKET	Drop	X	X	X		X	X	X	X	X	X		X	X			X	X	X	X	X	X
NATICK	Curb	X	X	X		X	X	X	X	X	X		X		X		X	X	X	X	X	
NEEDHAM	Drop	X	X	X	X	X	X	X		X	X		X	X	X			X	X	X	X	X
NEW ASHFORD	Drop	X	X	X	X	X	X	X	X	X	X		X	X				X		X	X	
NEW BEDFORD	Curb	X	X	X		X	X	X	X	X	X		X	X	X		X		X	X	X	X
NEW BRAINTREE	Drop	X	X	X		X	X	X	X	X	X	X			X		X	X			X	X
NEW MARLBOROUGH	Drop	X	X	X	X	X	X	X	X	X	X	X	X	X				X				
NEW SALEM	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X				X	X
NEWBURY	Drop	X	X	X		X	X	X		X	X	X	X	X	X		X	X	X	X	X	
NEWBURYPORT	Curb	X	X	X		X	X	X	X	X	X	X	X	X	X		X		X	X	X	X
NEWTON	Curb	X	X	X	X	X	X	X	X	X	X	X		X	X				X	X	X	X
NORFOLK	Drop	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
NORTH ADAMS	Drop	X	X	X	X	X	X	X	X	X	X		X	X				X	X	X		
NORTH ANDOVER	Curb	X	X	X		X	X	X		X	X		X	X	X				X	X		
NORTH ATTLEBOROUG	Curb	X	X	X		X	X	X	X	X	X		X	X				X	X			
NORTH BROOKFIELD	Drop	X	X	X		X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	
NORTH READING	Drop	X	X	X		X	X	X		X	X				X				X	X		
NORTHAMPTON	Drop	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X
NORTHBOROUGH	Curb	X	X			X	X	X		X	X								X	X		
NORTHBRIDGE	Sub	X	X	X		X	X	X	X	X	X		X	X	X	X	X	X	X	X		X
NORTHFIELD	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X
NORTON	Curb	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
NORWELL	Curb	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X		X

Municipality	Recycle Collection *	Newspaper	Mixed Paper	Cardboard	Wax/Aseptic Cartons	Glass	#1 Plastic	#2 Plastic	Other Plastic	Aluminum Cans/Foil	Steel/Tin Cans	Aerosol Cans	White Goods	Scrap Metal	Motor Oil	Antifreeze	Auto Batteries	Tires	Leaves	Xmas Trees	Other Material	Paint Products
NORWOOD	Curb	X	X	X	X	X	X	X	X	X	X		X		X		X	X	X	X		X
OAK BLUFFS	Drop	X	X	X		X	X	X			X								X	X		
OAKHAM	Drop	X	X	X		X	X	X	X	X	X		X	X	X							
ORANGE	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
ORLEANS	Drop	X	X	X		X	X	X		X	X	X	X	X	X		X	X	X	X	X	X
OTIS	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X			X	X	X	X	
OXFORD	Sub												X	X	X				X			
PALMER	Drop	X	X	X	X	X	X	X	X	X	X							X		X	X	
PAXTON	Curb	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X			X
PEABODY	Curb	X	X	X		X	X	X		X	X	X	X	X	X		X		X			
PELHAM	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X			X	
PEMBROKE	Drop	X	X	X	X	X	X	X		X	X	X	X	X	X		X	X	X	X	X	
PEPPERELL	Drop	X	X	X	X		X	X	X	X	X		X	X	X		X	X				
PERU	Drop	X	X	X	X	X	X	X	X	X	X											
PETERSHAM	Drop	X	X	X		X				X	X		X	X								
PHILLIPSTON	Drop	X	X	X	X	X	X	X		X	X		X	X			X	X				
PITTSFIELD	Curb	X	X	X	X	X	X	X	X	X	X								X			
PLAINFIELD	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X			X	X
PLAINVILLE	Curb	X	X	X	X	X	X	X	X	X	X		X	X			X	X	X	X	X	
PLYMOUTH	Drop	X	X			X				X	X		X	X	X		X	X	X		X	X
PLYMPTON	Drop	X	X	X		X		X		X	X	X	X	X				X			X	
PRINCETON	Sub	X	X	X		X	X	X	X	X	X		X		X	X	X	X				
PROVINCETOWN	Curb	X	X	X	X	X	X	X		X	X		X	X	X		X	X	X	X		
QUINCY	Curb	X	X	X		X	X	X		X	X		X		X	X	X	X	X	X		X
RANDOLPH	Curb	X	X	X		X	X	X	X	X								X	X	X		
RAYNHAM	Drop	X	X	X		X	X	X	X	X	X		X	X	X			X	X	X	X	X
READING	Curb																					
REHOBOTH	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	
REVERE	Curb	X	X	X	X	X	X	X		X	X		X	X	X		X	X	X	X		X
RICHMOND	Curb																					
ROCHESTER	Curb	X				X	X	X					X					X				
ROCKLAND	Curb	X	X	X		X	X	X		X	X		X	X			X	X	X	X		
ROCKPORT	Drop	X	X	X	X	X	X	X		X	X	X		X					X	X	X	
ROWE	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X				X
ROWLEY	Drop	X	X	X	X	X	X	X		X	X		X	X								
ROYALSTON	Drop	X	X	X	X	X	X	X	X	X	X		X	X			X	X			X	
RUSSELL	Drop	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X		X	
RUTLAND	Drop												X	X	X				X		X	
SALEM	Curb	X	X	X	X	X	X	X	X	X	X	X	X						X	X		
SALISBURY	Drop	X				X	X			X	X			X					X	X		
SANDISFIELD	Drop	X	X	X	X	X	X	X	X	X	X	X	X	X				X				
SANDWICH	Drop	X	X	X		X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
SAUGUS	Curb	X	X	X	X	X	X	X	X	X	X	X	X					X	X			
SAVOY	Drop	X	X	X	X	X	X	X	X	X	X			X	X			X				
SCITUATE	Drop	X	X	X		X	X	X	X	X			X	X	X		X	X	X	X	X	X
SEEKONK	Curb	X	X	X		X		X		X	X	X	X	X				X	X		X	
SHARON	Curb	X	X	X		X	X	X		X	X		X	X			X	X	X		X	
SHEFFIELD	Drop	X	X	X	X	X	X	X	X	X	X		X	X								
SHELBURNE	Drop	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X
SHERBORN	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X			X	X
SHIRLEY	Drop	X	X			X	X	X	X	X	X	X	X	X				X	X			
SHREWSBURY	Curb	X	X	X	X	X	X	X	X	X	X								X	X		
SHUTESBURY	Drop	X					X			X			X		X	X	X	X				X
SOMERSET	Curb	X	X	X		X	X	X		X	X		X		X		X	X	X	X	X	
SOMERVILLE	Curb	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X
SOUTH HADLEY	Curb	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X

Municipality	Recycle Collection *	Newspaper	Mixed Paper	Cardboard	Wax/Aseptic Cartons	Glass	#1 Plastic	#2 Plastic	Other Plastic	Aluminum Cans/Foil	Steel/Tin Cans	Aerosol Cans	White Goods	Scrap Metal	Motor Oil	Antifreeze	Auto Batteries	Tires	Leaves	Xmas Trees	Other Material	Paint Products
SOUTHAMPTON	Drop	X				X							X	X	X		X	X	X	X		X
SOUTHBOROUGH	Drop	X	X			X		X		X	X		X	X					X	X	X	
SOUTHBRIDGE	Curb	X	X	X		X		X		X	X		X	X			X	X	X	X		X
SOUTHWICK	Drop	X	X			X	X	X	X	X	X	X	X	X	X			X	X	X		
SPENCER	Drop	X	X	X		X		X		X	X		X	X	X		X	X		X	X	X
SPRINGFIELD	Curb	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		X
STERLING	Curb	X	X	X		X	X	X		X	X		X	X	X		X	X	X	X	X	X
STOCKBRIDGE	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X			X	X	X	X	
STONEHAM	Curb	X	X			X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
STOUGHTON	Curb	X	X	X		X	X	X		X	X		X	X	X				X	X	X	
STOW	Drop	X	X	X		X	X	X	X	X	X									X	X	
STURBRIDGE	Drop	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SUDBURY	Drop	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SUNDERLAND	Curb	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		X
SUTTON	Drop	X	X	X		X	X	X		X	X		X	X	X							
SWAMPSCOTT	Curb	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X		X
SWANSEA	Curb	X		X		X	X	X		X	X	X	X	X					X	X		
TAUNTON	Curb	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
TEMPLETON	Drop	X	X	X		X	X	X	X	X	X		X	X			X		X	X		
TEWKSBURY	Curb	X	X	X		X	X	X		X	X		X	X	X		X	X	X	X		X
TISBURY	Curb	X	X	X		X		X		X	X		X	X				X	X	X		
TOLLAND	Drop	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X			X	
TOPSFIELD	Curb	X	X			X	X	X	X	X	X		X	X					X			
TOWNSEND	Drop	X	X	X		X	X	X		X	X		X	X	X		X	X	X	X	X	
TRURO	Drop	X	X	X		X	X	X		X	X	X	X	X	X		X	X	X		X	X
TYNGSBOROUGH	Curb	X	X	X	X	X	X	X		X	X		X	X					X	X		X
TYRINGHAM	Drop																					
UPTON	Drop	X	X	X		X	X	X	X	X	X		X	X					X	X		
UXBRIDGE	Drop	X				X	X	X		X	X								X	X		
WAKEFIELD	Curb	X	X	X	X	X	X	X		X	X		X	X	X				X	X		
WALES	Drop	X													X	X	X	X	X	X	X	
WALPOLE	Curb	X	X	X	X	X	X	X	X	X	X	X			X		X	X	X	X		
WALTHAM	Curb	X	X	X	X	X	X	X	X	X	X		X						X	X		
WARE	Drop	X	X		X	X	X	X	X	X	X								X	X		
WAREHAM	Drop	X	X	X		X				X	X								X	X		
WARREN	Drop	X	X	X		X	X	X		X	X		X	X			X	X	X	X	X	
WARWICK	Drop	X	X	X		X				X	X	X	X	X	X	X	X	X	X		X	X
WASHINGTON	Drop	X	X	X	X	X	X	X	X	X	X		X	X								
WATERTOWN	Curb	X	X	X		X	X	X		X	X		X				X		X	X	X	X
WAYLAND	Drop	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
WEBSTER	Drop	X	X	X		X		X		X	X		X	X			X	X	X	X	X	X
WELLESLEY	Drop	X	X	X	X	X	X	X		X	X	X	X	X	X		X	X	X	X	X	
WELLFLEET	Drop	X	X	X		X	X	X	X	X	X		X	X	X		X	X	X	X	X	X
WENDELL	Drop	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X			X	X
WENHAM	Curb	X	X			X	X	X		X	X		X	X					X			
WEST BOYLSTON	Curb	X	X	X	X	X	X	X	X	X	X				X				X			X
WEST BRIDGEWATER	Drop	X		X		X	X	X	X	X	X	X							X	X	X	
WEST BROOKFIELD	Drop	X	X	X		X	X	X	X	X	X		X	X	X	X	X	X	X		X	
WEST NEWBURY	Drop	X	X			X	X	X		X	X		X	X	X			X				
WEST SPRINGFIELD	Curb	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	
WEST STOCKBRIDGE	Drop	X	X	X	X	X	X	X	X	X	X		X	X			X	X		X	X	
WEST TISBURY	Drop	X	X	X		X	X	X	X	X	X		X	X				X	X			
WESTBOROUGH	Drop	X	X	X	X	X	X	X		X	X		X	X			X	X	X	X	X	
WESTFIELD	Curb	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		X
WESTFORD	Drop	X	X	X	X	X	X	X		X	X		X		X			X	X	X	X	
WESTHAMPTON	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X			X	X

Municipality	Recycle Collection *	Newspaper	Mixed Paper	Cardboard	Wax/Aseptic Cartons	Glass	#1 Plastic	#2 Plastic	Other Plastic	Aluminum Cans/Foil	Steel/Tin Cans	Aerosol Cans	White Goods	Scrap Metal	Motor Oil	Antifreeze	Auto Batteries	Tires	Leaves	Xmas Trees	Other Material	Paint Products
WESTMINSTER	Curb	X		X		X	X	X	X	X	X		X	X	X		X	X	X	X	X	X
WESTON	Drop	X	X	X	X	X	X	X	X	X	X		X	X					X		X	X
WESTPORT	Drop	X	X	X	X	X	X	X		X	X		X	X	X		X	X	X			
WESTWOOD	Drop	X	X	X		X	X	X		X	X		X	X	X		X		X			X
WEYMOUTH	Curb	X	X	X		X	X	X		X	X		X		X		X	X	X	X	X	X
WHATELY	Drop	X	X	X	X	X	X	X	X	X	X											X
WHITMAN	Curb	X	X			X	X	X					X						X	X	X	
WILBRAHAM	Drop	X	X	X	X	X	X	X	X	X	X						X		X	X	X	
WILLIAMSBURG	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
WILLIAMSTOWN	Drop	X	X	X	X	X	X	X	X	X	X		X	X					X	X	X	
WILMINGTON	Curb	X	X			X		X		X	X		X		X		X		X			
WINCHENDON	Drop	X	X	X		X		X		X	X		X	X	X		X	X			X	
WINCHESTER	Drop	X	X			X	X	X		X	X		X	X	X		X		X	X	X	X
WINDSOR	Drop																					
WINTHROP	Curb	X	X	X	X	X	X	X	X	X	X	X		X					X	X		
WOBURN	Curb	X	X	X													X	X				
WORCESTER	Curb	X	X	X	X	X	X	X	X	X	X		X			X	X	X	X	X		
WORTHINGTON	Drop	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X			X	X
WRENTHAM	Curb	X	X	X		X	X	X	X	X	X		X	X	X				X	X		
YARMOUTH	Drop	X	X	X		X	X	X	X	X		X	X	X	X		X	X	X	X	X	
# of Municipalities.		336	313	291	148	322	300	316	187	324	317	84	287	248	195	75	186	229	253	239	166	118

* Recycle Collection: Curb - Curbside Collection; Drop - Drop-off Center; Sub - Private Subscription Service

Appendix G
Municipal Recycling Tonnages

Municipal Recycling Collection Method, and Tons Collected for Major Material Types

Municipality	Recycle Collection	Newspaper	Mixed Paper	Cardboard	Scrap Metal	Steel/Tin Cans	Aluminum	Glass	Plastics	Commingled Containers	Textiles
ABINGTON	Curb		716		35					227	
ACTON	Drop	600			600					250	
ACUSHNET	Curb	32			36	1		104	30		
ADAMS	Drop		160							80	
AGAWAM	Curb		1,345							566	
ALFORD	Drop		42		7	8		14	3		
AMESBURY	Curb	547	1	26	15	48	8	161	33		
AMHERST	Curb	1,089	186	87	171				3	599	
ANDOVER	Curb		2,157		221	7	5	458	37		
ARLINGTON	Curb		3,391		438					849	
ASHBURNHAM	Curb		113	229	28		3	53	20	73	
ASHBY	Curb										
ASHFIELD	Drop		138		18				6	63	11
ASHLAND	Curb	1,180								359	
ATHOL	Sub										
ATTLEBORO	Curb		1,409		229					707	
AUBURN	Curb	712								199	
AVON	Curb		220							75	
AYER	Drop	79	59	19	124	11	1	21	12		42
BARNSTABLE	Drop	789	154	139	856	55		319	53		20
BARRE	Drop	34	34	14	194			15	5		75
BECKET	Drop	45			29				7	39	
BEDFORD	Curb		860							292	
BELCHERTOWN	Drop		430	175	54				23	176	8
BELLINGHAM	Curb		500		80	29	6	130	17		
BELMONT	Curb	2,084	30		21					625	
BERKLEY	Drop	100	21	39				40	17	98	3
BERLIN	Drop	80	4	34	60			30	< 1	10	
BERNARDSTON	Drop		117		5				7	46	
BEVERLY	Curb		2,100		600	200		400			
BILLERICA	Curb	1,426			95					701	
BLACKSTONE	Drop										
BLANDFORD	Drop										
BOLTON	Drop	143	69	48	64	22	2	53	32		1
BOSTON	Curb		10,973		2,991					3,495	
BOURNE	Curb	216	87	51	185	47	5	172	56		4
BOXBOROUGH	Drop	90	42		25	7		34	7		
BOXFORD	Curb		531	45	37				2	273	2
BOYLSTON	Sub										
BRAINTREE	Curb	1,752	2	3	735	1	< 1	7		470	
BREWSTER	Drop	367	98	33	157	34	1	152	18		27
BRIDGEWATER	Drop	96			4	6		36	6		3
BRIMFIELD	Drop		150		9	77				4	
BROCKTON	Curb		1,400		250					202	
BROOKFIELD	Drop	80	25	20	90	7	2	55	15		5
BROOKLINE	Curb		3,317		618					962	
BUCKLAND	Drop		81						6	43	
BURLINGTON	Curb	1,234			7					505	
CAMBRIDGE	Curb		5,129		145				13	1,756	2
CANTON	Curb	934	254		108		9	368	276	245	55
CARLISLE	Drop										
CARVER	Drop										
CHARLEMONT	Drop	27	21	23					3	24	

Municipality	Recycle Collection	Newspaper	Mixed Paper	Cardboard	Scrap Metal	Steel/Tin Cans	Aluminum	Glass	Plastics	Commingled Containers	Textiles
CHARLTON	Sub										
CHATHAM	Drop	232	84	155	239	36		252	13		26
CHELMSFORD	Curb		2,300		56					855	
CHELSEA	Curb	373	4		11					248	
CHESHIRE	Drop		120							72	
CHESTER	Drop										
CHESTERFIELD	Drop		46		5				2	22	5
CHICOPEE	Curb		2,550							850	
CHILMARK	Drop	53	3	29	16	7	1	34	4		12
CLARKSBURG	Drop										
CLINTON	Drop										
COHASSET	Drop	521	109	105	134	20		84	46		20
COLRAIN	Drop		76		28		1		5	41	
CONCORD	Curb		1,016							301	
CONWAY	Drop		101		61				7	46	< 1
CUMMINGTON	Drop		48						2	22	3
DALTON	Drop		241							129	
DANVERS	Curb		742		265	34		113	29		
DARTMOUTH	Curb	649	13		229	43		111	28		
DEDHAM	Curb		1,251							373	
DEERFIELD	Drop										
DENNIS	Drop	565		65	370	30		136	22		60
DIGHTON	Curb				86					450	
DOUGLAS	Drop	38		15	134	6		27	8		3
DOVER	Drop	334	21	8	59	37		81	2		4
DRACUT	Curb		578		225					235	
DUDLEY	Drop		128		60	30		37	7		
DUNSTABLE	Drop	55	14	3	34		4	40	11		
DUXBURY	Drop	871	49	177	269	23	35	168	38		45
EAST BRIDGEWATER	Drop										
EAST BROOKFIELD	Curb		178		35					65	
EAST LONGMEADOW	Curb		1,060		50					340	
EASTHAM	Drop		180		39	3		80	5		1
EASTHAMPTON	Sub	1,170		312	157					191	
EASTON	Drop	520		120	190		30			116	30
EDGARTOWN	Drop	245	15	135	74	30	3	161	18		54
EGREMONT	Drop		138		42	64			8		
ERVING	Curb		87		18					34	
ESSEX	Drop	173			80	5		17	3	38	16
EVERETT	Curb	860								272	
FAIRHAVEN	Curb		575		56					408	4
FALL RIVER	Drop		327		357					118	
FALMOUTH	Curb		1,755	127	938					727	26
FITCHBURG	Curb	37	2,506	22	378	4	1	1	5	626	
FLORIDA	Drop										
FOXBOROUGH	Curb		771		125					192	
FRAMINGHAM	Curb	112	3,486	36	260	2		34	3	914	
FRANKLIN	Curb	1,279		50	85					452	
FREETOWN	Drop	80	13	26	370	50	10	90	54		
GARDNER	Curb		469	29	160					322	
GAY HEAD	Drop	16	1	9	5	2	< 1	11	1		4
GEORGETOWN	Sub	114			155	8	3	51			
GILL	Drop		73						5	31	
GLOUCESTER	Curb		1,344		117	105		337	103		
GOSHEN	Drop		35		5				2	16	3
GOSNOLD	Curb				40		1	6	1		
GRAFTON	Drop	203				26		28	17		
GRANBY	Drop		276	52	301					97	
GRANVILLE	Drop		73		9					34	

Municipality	Recycle Collection	Newspaper	Mixed Paper	Cardboard	Scrap Metal	Steel/Tin Cans	Aluminum	Glass	Plastics	Commingled Containers	Textiles
GREAT BARRINGTON	Drop		347							156	
GREENFIELD	Curb		1,017	202	107	114		171	21		
GROTON	Drop	598		84	83	30	2	147	12		
GROVELAND	Curb				17					486	
HADLEY	Drop	306		96		29				98	
HALIFAX	Curb	145	4	15	58	25		34	21		1
HAMILTON	Curb	447			10	25		104	19		
HAMPDEN	Drop	72		18	27	23	15	36	32		
HANCOCK	Drop		56								
HANOVER	Drop	640	26	145	420	20	2	74	19		6
HANSON	Drop	132			117	12		30			5
HARDWICK	Drop		108	11	2	11		28	12		3
HARVARD	Drop										
HARWICH	Drop	487		123	393	28		186	17		
HATFIELD	Drop		131		18				6	62	11
HAVERHILL	Drop		1,068		69	13	4	85	9		
HAWLEY	Drop										
HEATH	Drop		36		25					25	
HINGHAM	Drop	1,411		194	229	72		320	32		51
HINSDALE	Drop		67		32					45	
HOLBROOK	Curb	585			34					126	
HOLDEN	Curb										
HOLLAND	Sub										
HOLLISTON	Curb		1,038		61					309	
HOLYOKE	Curb		852		183					263	
HOPEDALE	Curb		303							105	
HOPKINTON	Curb		880							229	
HUBBARDSTON	Drop		91		31	14		18	6		
HUDSON	Drop	23		19	11		12	15	4	7	4
HULL	Drop	75		4	18						
HUNTINGTON	Drop		101		18				5	48	11
IPSWICH	Curb		755	25	209	45		160	39		
KINGSTON	Drop	318		16	240					80	5
LAKEVILLE	Drop	436	110	126	327	61		150	71		13
LANCASTER	Drop	39	130	75	399	84	15	28	26		10
LANESBOROUGH	Drop										
LAWRENCE	Curb		838		175					209	
LEE	Drop		517		35				2	200	
LEICESTER	Drop		97	77	394	48	64	103	25		43
LENOX	Sub		849		43					95	
LEOMINSTER	Curb	10	3,132		620	3		2		783	
LEVERETT	Drop		127		9					55	1
LEXINGTON	Curb		3,187		95					755	
LEYDEN	Drop										
LINCOLN	Drop		522		92	22		122	19		
LITTLETON	Drop	232	134	91	196		2	102	26		24
LONGMEADOW	Curb		860	201	57		1			291	< 1
LOWELL	Curb	3,850	2,500	900	585	675	95	425	200		1,000
LUDLOW	Curb		885		106					390	
LUNENBURG	Sub										
LYNN	Curb		2,040		87					97	
LYNNFIELD	Curb		1,438		64					367	
MALDEN	Curb	1,400			260					420	
MANCHESTER	Curb		459		73	23		121	20		
MANSFIELD	Curb	151	744		121	10		24	9	254	30
MARBLEHEAD	Curb	1,374	5		105			29	4	96	
MARION	Curb	152	1		325	120		59	3		
MARLBOROUGH	Drop	182		20	209	8	2	49	17		
MARSHFIELD	Curb		332		2,006					539	

Municipality	Recycle Collection	Newspaper	Mixed Paper	Cardboard	Scrap Metal	Steel/Tin Cans	Aluminum	Glass	Plastics	Commingled Containers	Textiles
MASHPEE	Drop	238			175	13		60	5		50
MATTAPOISETT	Curb	278			47					179	
MAYNARD	Curb		809		92					298	
MEDFIELD	Drop		711	17	128	23		167	28		
MEDFORD	Curb		2,280		142					629	
MEDWAY	Curb		952		55					282	
MELROSE	Curb	1,094	177	89	290					345	13
MENDON	Curb	90			37						
MERRIMAC	Drop		215		23	15	2	31	14		2
METHUEN	Curb		1,800		79					278	
MIDDLEBOROUGH	Curb	429	64	8	136	54		103	35		
MIDDLEFIELD	Drop		22		5				1	10	3
MIDDLETON	Drop		172		120	15		26	7		
MILFORD	Curb		1,049		234					351	
MILLBURY	Drop	902	40	99	151	9		25	14	37	115
MILLIS	Drop		211		29					66	
MILLVILLE	Curb										
MILTON	Curb	2,058			202					583	
MONROE	Drop		4							2	
MONSON	Curb	296								130	
MONTAGUE	Curb		434		235					160	
MONTEREY	Drop		89		43					57	
MONTGOMERY	Curb		35							16	
MOUNT WASHINGTON	Drop		11	5					1	10	
NAHANT	Curb	220			3					75	
NANTUCKET	Drop	22	9	68	1,556	26	4	287	45		
NATICK	Curb		2,250		406					456	
NEEDHAM	Drop		2,109	169	417					457	138
NEW ASHFORD	Drop		35							25	
NEW BEDFORD	Curb	1,289	4	124	474	135		398	115		
NEW BRAINTREE	Drop										
NEW MARLBOROUGH	Drop		45		56					22	
NEW SALEM	Drop		53						4	21	
NEWBURY	Drop	64	204		110	28		83	20		
NEWBURYPORT	Curb	820	1	39	23	73	12	242	49		
NEWTON	Curb		8,875		27					2,282	378
NORFOLK	Drop	356	2	91	101	17		69	37		1
NORTH ADAMS	Drop		1,377		61					634	
NORTH ANDOVER	Curb		1,655			57	8	256	26		
NORTH ATTLEBOROUGH	Curb	26	916	25	224					430	
NORTH BROOKFIELD	Drop	76	96	61	66	23	3	54	10		
NORTH READING	Drop	532		87		33		105	31		
NORTHAMPTON	Drop		1,303		695					689	
NORTHBOROUGH	Curb		824			65		193	45		
NORTHBRIDGE	Sub										
NORTHFIELD	Drop		149						11	68	
NORTON	Curb		630		27					220	
NORWELL	Curb	571			3,630					294	
NORWOOD	Curb		1,430		13					357	2
OAK BLUFFS	Drop	298	7	203	275	16	1	137	14	82	
OAKHAM	Drop										
ORANGE	Drop	53	392	303	174				33	185	17
ORLEANS	Drop	276		31	240	22		133	22		
OTIS	Drop		94		68				5	45	
OXFORD	Sub	100								30	
PALMER	Drop	250		33				13		51	5
PAXTON	Curb		236		3				1	66	
PEABODY	Curb	2,737			540					519	
PELHAM	Drop		58							18	

Municipality	Recycle Collection	Newspaper	Mixed Paper	Cardboard	Scrap Metal	Steel/Tin Cans	Aluminum	Glass	Plastics	Commingled Containers	Textiles
PEMBROKE	Drop	414	103	115	160			72	28	39	33
PEPPERELL	Drop	47	35	16	40	7	2	35	5		
PERU	Drop		30		14					15	
PETERSHAM	Drop										
PHILLIPSTON	Drop										
PITTSFIELD	Curb		2,009							742	
PLAINFIELD	Drop		32		5				1	15	3
PLAINVILLE	Curb		258		93					106	
PLYMOUTH	Drop		887	86	620					266	610
PLYMPTON	Drop	50	5		90			40		10	
PRINCETON	Sub		124							259	
PROVINCETOWN	Curb	93	12	221	31	23		195	21		
QUINCY	Curb	4,237			751	97	12	356	298		
RANDOLPH	Curb		1,147		260					491	
RAYNHAM	Drop	172		3,053	242			43	33	18	
READING	Curb	866					64	213	53		7
REHOBOTH	Drop	140	52	55	92	24		50	13		12
REVERE	Curb		1,500		620					525	
RICHMOND	Curb		87		14					62	
ROCHESTER	Curb	47			30					65	
ROCKLAND	Curb		837	28	74					358	
ROCKPORT	Drop		633	61	147	81		150	32		
ROWE	Drop	2	23		36				1	13	
ROWLEY	Drop		75		6	14		16	8		
ROYALSTON	Drop		35	5	51		1	19		14	1
RUSSELL	Drop		74		12				6	25	
RUTLAND	Drop										
SALEM	Curb		1,540		461					661	
SALISBURY	Drop	80			55			40	29	55	
SANDISFIELD	Drop		37							12	
SANDWICH	Drop	500	4	70	240	30		130	36		52
SAUGUS	Curb		1,102		39					280	
SAVOY	Drop		17							6	
SCITUATE	Drop		983		323	13		175	10		2
SEEKONK	Curb		1,151		100	6		134	29		57
SHARON	Curb		1,208		136					311	
SHEFFIELD	Drop		283		126				20	98	1
SHELBURNE	Drop	12	103						5	43	
SHERBORN	Drop		339		67					101	
SHIRLEY	Drop	69	48	2	25	17	1	40	13		
SHREWSBURY	Curb		1,989							875	
SHUTESBURY	Drop		110							46	
SOMERSET	Curb	1,121			221					1,000	
SOMERVILLE	Curb		3,155		420					886	
SOUTH HADLEY	Curb		894		80					353	100
SOUTHAMPTON	Drop		489		272					199	
SOUTHBOROUGH	Drop										
SOUTHBRIDGE	Curb	490	42		65	63		285	52		
SOUTHWICK	Drop		266		151					103	
SPENCER	Drop		350		350	150	10	68	80		6
SPRINGFIELD	Curb		4,763		431					1,767	
STERLING	Curb		338	106	120		2	70	15		
STOCKBRIDGE	Drop		260		45				10	170	
STONEHAM	Curb		940		134					260	20
STOUGHTON	Curb	59			172					304	
STOW	Drop	116	106			8	1	45	10		
STURBRIDGE	Drop	56	74	37	12	8	1	31	10		2
SUDBURY	Drop	506	242	312	162	9		76	19		
SUNDERLAND	Curb		142							66	

Municipality	Recycle Collection	Newspaper	Mixed Paper	Cardboard	Scrap Metal	Steel/Tin Cans	Aluminum	Glass	Plastics	Commingled Containers	Textiles
SUTTON	Drop		120		10	4		6	12		
SWAMPSCOTT	Curb		990		70					264	
SWANSEA	Curb		1,256		121					342	
TAUNTON	Curb		2,016		211					847	
TEMPLETON	Drop		146	64	76					58	
TEWKSBURY	Curb		1,142		71	75	8	159	41		
TISBURY	Curb	167		157	245			66		74	
TOLLAND	Drop		24		10				6	12	
TOPSFIELD	Curb	366	71		32	26		53	30		1
TOWNSEND	Drop	219	95	77	135	36	3	80	18		17
TRURO	Drop	29	127	14	62	2	1	33	3		103
TYNGSBOROUGH	Curb		440							186	
TYRINGHAM	Drop		95		17			4		4	
UPTON	Drop		295		152			76	11		
UXBRIDGE	Drop										
WAKEFIELD	Curb		1,559		160					493	
WALES	Drop		72		60					36	10
WALPOLE	Curb	240	1,344							337	36
WALTHAM	Curb		3,094		235					760	
WARE	Drop										
WAREHAM	Drop	27				< 1	< 1	5			
WARREN	Drop	60		40	60			56	13		
WARWICK	Drop		32		21	13	8	20	5		
WASHINGTON	Drop		35		17				2	14	
WATERTOWN	Curb	1,850	15	23	54	6	< 1	23		529	
WAYLAND	Drop		1,114	270	188	52		177	56		91
WEBSTER	Drop	285	5	24	48	23	3	268	3		12
WELLESLEY	Drop	2,245		244	324	58	4	413	22		63
WELLFLEET	Drop	102	5	62	428	98		175	23	3	5
WENDELL	Drop		36		31				3	23	< 1
WENHAM	Curb	159				10		48	10		
WEST BOYLSTON	Curb		421							152	
WEST BRIDGEWATER	Drop	150	230	80	12					60	6
WEST BROOKFIELD	Drop		124		167	2	2	10	4	43	
WEST NEWBURY	Drop	153			92	17	1	60	6		
WEST SPRINGFIELD	Curb		1,265		3					419	
WEST STOCKBRIDGE	Drop		38		38				8	130	
WEST TISBURY	Drop	139	8	76	42	17	2	91	10		31
WESTBOROUGH	Drop	520	11	104	120	26	1	130	30		56
WESTFIELD	Curb		1,910		657					618	
WESTFORD	Drop		1,337		3					402	43
WESTHAMPTON	Drop		32		14				4	15	9
WESTMINSTER	Curb	183	1	22	191	4	1	1	6	37	3
WESTON	Drop	837	51	124	103	27	1	197		47	41
WESTPORT	Drop	90		131	124	51		75	12		
WESTWOOD	Drop	540		51	90	16	1	62	18		6
WEYMOUTH	Curb		2,458		247					1,100	
WHATELY	Drop		85						5	30	
WHITMAN	Curb	500			100					150	
WILBRAHAM	Drop	12	652	58	106			11	25	163	
WILLIAMSBURG	Drop		159		18				6	75	11
WILLIAMSTOWN	Drop		299							137	
WILMINGTON	Curb		1,031		76					293	
WINCHENDON	Drop	34	53	26	211	137	12	48	15		40
WINCHESTER	Drop	1,200	100		500	35		200	34		
WINDSOR	Drop									65	
WINTHROP	Curb		500							500	
WOBURN	Curb		1,442		1					173	
WORCESTER	Curb		9,183		791					4,093	

Municipality	Recycle Collection	Newspaper	Mixed Paper	Cardboard	Scrap Metal	Steel/Tin Cans	Aluminum	Glass	Plastics	Commingled Containers	Textiles
WORTHINGTON	Drop		64		14				4	38	9
WRENTHAM	Curb	60	539	33	48					208	
YARMOUTH	Drop	892		175	647					329	
	TOTALS:	68,512	181,886	12,379	50,706	4,547	512	14,351	3,678	63,572	4,005

Appendix H
Landfill Facilities

Massachusetts Landfills, Waste Disposed in 1995 & 1996, Approved Capacity 1997-2006*

ID	Municipality	DEP Region	Status	Own	Exclusive MSW /nonMSW		Liner	1995 Dispose	1996 Disposed	Estimated Close Date	Projected TPY	% MSW	Approved Capacity '97	'98	'99	'00	'01	'02	'03	'04	'05	'06
SL0008.002	AMHERST	W	Active	M	No	No	Y	16,510	19,627	28-Feb-00	30,888	100.0%	F	F	F	P	-	-	-	-	-	-
SL0011.002	ASHBURNHAM	C	Active	M	Yes	Yes	N	1,800	1,800	31-Dec-99	625	100.0%	F	F	F	-	-	-	-	-	-	-
SL0012.002	ASHBY	C	Active	M	Yes	No	N	1,100	1,100	31-Dec-98	76,236	1.4%	F	F	-	-	-	-	-	-	-	-
SL0020.001	BARNSTABLE	S	Inactive	M	-	-	N	81,373	126,795	30-Jun-96	126,795	0.0%	-	-	-	-	-	-	-	-	-	-
SL0021.002	BARRE	C	Inactive	P	-	No	Y	96,939	94,141	31-Oct-97	93,600	0.0%	P	-	-	-	-	-	-	-	-	-
SL0029.001	BERNARDSTON	W	Active	M	No	No	N	2,536	2,500	1-Jul-99	2,536	100.0%	F	F	P	-	-	-	-	-	-	-
SL0032.001	BLACKSTONE	C	Active	M	Yes	No	N	5,860	5,860	1-Jul-98	84,240	7.0%	F	P	-	-	-	-	-	-	-	-
SL0034.001	BOLTON	C	Active	M	Yes	Yes	N	938	994	31-Dec-98	994	100.0%	F	F	-	-	-	-	-	-	-	-
SL0036.004	BOURNE	S	Active	M	-	No	N	15,600	28,000	1-Jul-99	78,475	0.0%	F	F	P	-	-	-	-	-	-	-
SL0038.001	BOXFORD	N	Active	M	Yes	Yes	N	2,190	1,800	1-Jul-98	1,800	100.0%	F	P	-	-	-	-	-	-	-	-
SL0041.001	BREWSTER	S	Active	M	-	Yes	N	1,275	1,815	31-Dec-98	1,815	0.0%	F	F	-	-	-	-	-	-	-	-
SL0045.001	BROOKFIELD	C	Active	M	Yes	Yes	N	1,550	1,550	31-Dec-98	1,550	100.0%	F	F	-	-	-	-	-	-	-	-
SL0047.001	BUCKLAND	W	Inactive	M	-	-	N	275	160	31-Jul-96	160	100.0%	-	-	-	-	-	-	-	-	-	-
SL0061.002	CHICOPEE	W	Active	P	No	No	Y	181,257	195,154	31-Jan-00	182,500	100.0%	F	F	F	P	-	-	-	-	-	-
SL0062.001	CHILMARK	S	Active	M	-	No	N	100	1,110	31-Dec-98	1,110	0.0%	F	F	-	-	-	-	-	-	-	-
DL0065.002	COHASSET	N	Active	P	-	No	Y	31,876	36,178	31-Dec-97	36,178	0.0%	F	-	-	-	-	-	-	-	-	-
SL0072.003	DARTMOUTH	S	Active	M	Yes**	Yes **	Y	95,736	112,492	31-Dec-06	115,000	100.0%	F	F	F	F	F	F	F	F	F	F
SL0074.001	DEERFIELD	W	Inactive	M	Yes	Yes	N	6,615	5,700	31-Oct-97	5,700	100.0%	P	-	-	-	-	-	-	-	-	-
SL0075.001	DENNIS	S	Active	M	-	Yes	N	-	-	30-Jun-98	3,900	0.0%	F	P	-	-	-	-	-	-	-	-
SL0076.001	DIGHTON	S	Active	M	-	Yes	N	3,600	5,200	31-Dec-98	5,200	0.0%	F	F	-	-	-	-	-	-	-	-
SL0083.003	EAST BRIDGEWATER	S	Inactive	P	No	No	Y	324,047	181,744	28-Feb-97	390,000	100.0%	P	-	-	-	-	-	-	-	-	-
SL0088.001	EASTON	S	Active	M	Yes	Yes	N	2,671	3,800	1-Jul-99	3,800	100.0%	F	F	P	-	-	-	-	-	-	-
SL0094.001	FAIRHAVEN	S	Active	M	-	Yes	N	48,484	32,430	30-Jun-98	1,000	0.0%	F	P	-	-	-	-	-	-	-	-
SL0095.002	FALL RIVER	S	Active	P	No	No	Y	326,795	365,228	31-Dec-97	468,000	50.0%	F	-	-	-	-	-	-	-	-	-
SL0096.001	FALMOUTH	S	Active	M	-	Yes	N	3,625	2,285	31-Dec-98	2,285	0.0%	F	F	-	-	-	-	-	-	-	-
SL0099.001	FOXBOROUGH	S	Active	M	Yes	Yes	N	5,545	5,071	31-Dec-98	5,071	100.0%	F	F	-	-	-	-	-	-	-	-
SL0103.002	GARDNER	C	Active	M	Yes	No	N	14,750	70,464	31-Dec-98	88,500	10.0%	F	F	-	-	-	-	-	-	-	-
SL0109.002	GOSNOLD	S	Inactive	M	-	-	N	50	220	31-Oct-96	220	100.0%	-	-	-	-	-	-	-	-	-	-
SL0111.001	GRANBY	W	Active	P	No	No	Y	129,330	145,084	31-Dec-97	146,000	14.0%	F	-	-	-	-	-	-	-	-	-
SL0113.002	GREAT BARRINGTON	W	Closed	M	-	-	N	4,985	2,369	30-Jun-96	2,369	100.0%	-	-	-	-	-	-	-	-	-	-
SL0114.001	GREENFIELD	W	Active	M	No	No	Y	5,306	6,662	30-Nov-99	10,296	100.0%	F	F	P	-	-	-	-	-	-	-

ID	Municipality	DEP Region	Status	Own	Exclusive MSW /nonMSW		Liner	1995 Dispose	1996 Disposed	Estimated Close Date	Projected TPY	% MSW	Approved Capacity '97	'98	'99	'00	'01	'02	'03	'04	'05	'06
SL0124.001	HARDWICK	C	Active	P	Yes	No	Y	37,821	53,480	31-Dec-97	93,600	7.0%	F	-	-	-	-	-	-	-	-	-
SL0126.001	HARWICH	S	Active	M	-	No	N	4,922	9,022	31-Dec-98	9,022	0.0%	F	F	-	-	-	-	-	-	-	-
SL0131.001	HINGHAM	N	Active	M	Yes	Yes	N	9,450	12,690	31-Dec-98	9,700	100.0%	F	F	-	-	-	-	-	-	-	-
SL0142.002	HULL	N	Active	M	Yes	Yes	Y	859	621	10-Oct-02	6,300	22.0%	F	F	F	F	F	P	-	-	-	-
SL0145.001	KINGSTON	S	Active	M	-	Yes	N	120	120	31-Dec-98	120	0.0%	F	F	-	-	-	-	-	-	-	-
SL0166.001	MANCHESTER	N	Active	M	-	Yes	N	60	258	31-Dec-98	500	0.0%	F	F	-	-	-	-	-	-	-	-
SL0171.004	MARSHFIELD	S	Active	M	Yes	Yes	N	19,851	17,811	31-Dec-98	17,811	100.0%	F	F	-	-	-	-	-	-	-	-
SL0172.001	MASHPEE	S	Inactive	M	-	Yes	N	500	1,000	31-Aug-97	1,300	0.0%	P	-	-	-	-	-	-	-	-	-
SL0173.003	MATTAPOISETT	S	Active	M	No	No	N	18,000	18,000	30-Jul-98	18,000	100.0%	F	P	-	-	-	-	-	-	-	-
SL0180.003	MERRIMAC	N	Active	M	Yes	No	N	-	-	31-Mar-98	35,640	7.0%	F	P	-	-	-	-	-	-	-	-
SL0182.002	MIDDLEBOROUGH	S	Active	M	Yes	Yes	Y	4,500	6,355	31-Dec-99	9,620	100.0%	F	F	F	-	-	-	-	-	-	-
SL0184.002	MIDDLETON	N	Closed	M	-	-	N	5,000	833	30-Jun-96	833	100.0%	-	-	-	-	-	-	-	-	-	-
SL0189.001	MILTON	N	Active	M	No	Yes	N	12,946	21,987	31-Dec-98	21,987	100.0%	F	F	-	-	-	-	-	-	-	-
SL0192.001	MONTAGUE	W	Inactive	M	-	-	N	2,600	654	1-Jan-97	654	100.0%	-	-	-	-	-	-	-	-	-	-
SL0197.001	NANTUCKET	S	Active	M	Yes	Yes	N	22,151	23,000	31-Dec-98	23,000	100.0%	F	F	-	-	-	-	-	-	-	-
SL0199.001	NEEDHAM	N	Active	M	Yes	No	N	39,659	50,363	1-Jan-98	81,120	4.0%	F	-	-	-	-	-	-	-	-	-
SL0201.001	NEW BEDFORD	S	Active	M	-	Yes	N	4,836	5,863	31-Dec-98	5,863	0.0%	F	F	-	-	-	-	-	-	-	-
SL0205.002	NEWBURY	N	Inactive	M	Yes	Yes	N	3,567	6,044	30-Nov-97	6,044	100.0%	P	-	-	-	-	-	-	-	-	-
SL0207.005	NEWTON	N	Active	M	-	Yes	N	10,000	10,000	31-Dec-98	10,000	0.0%	F	F	-	-	-	-	-	-	-	-
SL0211.001	NORTH ATTLEBOROUGH	S	Active	M	No	No	N	29,904	34,312	28-Feb-98	30,888	100.0%	F	P	-	-	-	-	-	-	-	-
SL0212.001	NORTH BROOKFIELD	C	Closed	M	-	-	N	1,000	156	1-Apr-96	156	100.0%	-	-	-	-	-	-	-	-	-	-
SL0214.001	NORTHAMPTON	W	Active	M	No	No	Y	36,036	43,533	31-Dec-02	50,000	100.0%	F	F	F	F	F	F	-	-	-	-
SL0220.002	NORWOOD	N	Inactive	M	-	Yes	N	500	500	1-Jul-97	500	0.0%	P	-	-	-	-	-	-	-	-	-
SL0221.001	OAK BLUFFS	S	Inactive	M	-	-	N	912	2,113	31-Dec-96	2,113	100.0%	-	-	-	-	-	-	-	-	-	-
SL0223.003	ORANGE	W	Inactive	M	Yes	Yes	N	5,028	3,529	30-Apr-97	3,529	100.0%	P	-	-	-	-	-	-	-	-	-
SL0227.001	PALMER	W	Inactive	M	-	-	N	8,250	19,745	1-Jan-97	93,288	20.0%	-	-	-	-	-	-	-	-	-	-
SL0232.001	PEPPERELL	C	Closed	M	-	-	N	4,086	1,530	19-Jan-96	1,530	100.0%	-	-	-	-	-	-	-	-	-	-
AL0236.001	PITTSFIELD	W	Active	M	-	No	N	-	-	25-Apr-98	49,091	0.0%	F	P								
SL0238.002	PLAINVILLE	S	Active	P	No	No	Y	265,970	471,396	30-Mar-98	499,200	100.0%	F	P	-	-	-	-	-	-	-	-
SL0239.001	PLYMOUTH	S	Active	M	Yes	Yes	N	8,852	8,288	31-Dec-97	8,288	100.0%	F	-	-	-	-	-	-	-	-	-
SL0245.001	RAYNHAM	S	Active	M	Yes	Yes	N	13,900	15,600	31-Dec-99	15,600	100.0%	F	F	F	-	-	-	-	-	-	-
SL0255.001	ROYALSTON	C	Active	M	Yes	Yes	N	208	208	31-Dec-98	208	100.0%	F	F	-	-	-	-	-	-	-	-
SL0259.001	SALISBURY	N	Inactive	M	Yes	No	N	1,540	16,328	31-Oct-97	25,740	9.0%	P	-	-	-	-	-	-	-	-	-
SL0264.001	SCITUATE	S	Active	M	Yes	Yes	N	13,754	9,871	31-Dec-98	9,871	100.0%	F	F	-	-	-	-	-	-	-	-
SL0270.001	SHIRLEY	C	Active	M	Yes	Yes	N	2,160	1,900	31-Dec-98	1,900	100.0%	F	F	-	-	-	-	-	-	-	-
SL0275.001	SOUTH HADLEY	W	Inactive	M	-	-	N	19,112	5,000	1-Jun-96	5,000	100.0%	-	-	-	-	-	-	-	-	-	-
SL0278.002	SOUTHBRIDGE	C	Active	M	Yes	Yes	Y	953	991	1-Jan-10	4,160	100.0%	F	F	F	F	F	F	F	F	F	F

ID	Municipality	DEP Region	Status	Own	Exclusive MSW /nonMSW		Liner	1995 Dispose	1996 Disposed	Estimated Close Date	Projected TPY	% MSW	Approved Capacity '97	'98	'99	'00	'01	'02	'03	'04	'05	'06
SL0287.001	STURBRIDGE	C	Active	M	Yes	Yes	Y	422	1,015	31-Dec-00	10,150	100.0%	F	F	F	F	-	-	-	-	-	-
SL0288.001	SUDBURY	N	Closed	M	-	-	N	7,567	1,850	31-Mar-96	1,850	100.0%	-	-	-	-	-	-	-	-	-	-
SL0290.002	SUTTON	C	Closed	M	-	-	N	2,500	1,600	24-Aug-96	1,600	100.0%	-	-	-	-	-	-	-	-	-	-
SL0293.002	TAUNTON	S	Active	M	Yes	No	N	53,849	130,509	15-Apr-98	108,360	56.0%	F	P	-	-	-	-	-	-	-	-
SL0298.002	TOPSFIELD	N	Active	M	Yes	No	N	2,300	2,300	1-Jul-98	92,040	2.5%	F	P	-	-	-	-	-	-	-	-
SL0299.002	TOWNSEND	C	Active	M	Yes	Yes	Y	3,084	4,160	31-Dec-05	4,160	100.0%	F	F	F	F	F	F	F	F	F	-
SL0300.001	TRURO	S	Inactive	M	-	-	N	560	50	31-Dec-96	50	0.0%	-	-	-	-	-	-	-	-	-	-
SL0309.001	WARE	W	Inactive	P	-	-	N	1,463	1,400	31-Dec-96	1,400	100.0%	-	-	-	-	-	-	-	-	-	-
SL0311.001	WARREN	C	Active	M	Yes	Yes	N	1,200	1,200	31-Dec-05	2,000	100.0%	F	F	F	F	F	F	F	F	F	-
SL0312.001	WARWICK	W	Active	M	Yes	Yes	N	-	205	31-Dec-98	205	100.0%	F	F	-	-	-	-	-	-	-	-
SL0315.004	WAYLAND	N	Active	M	Yes	Yes	Y	3,071	2,876	1-Jan-06	5,400	100.0%	F	F	F	F	F	F	F	F	F	-
DL0319.003	WENDELL	W	Active	P	-	No	Y	15,125	9,427	31-Dec-97	25,740	0.0%	F	-	-	-	-	-	-	-	-	-
SL0323.001	WEST BROOKFIELD	C	Active	M	Yes	Yes	N	1,200	1,200	1-Jul-98	1,200	100.0%	F	P	-	-	-	-	-	-	-	-
SL0327.001	WEST TISBURY	S	Inactive	M	-	-	N	1,200	700	30-Jun-96	700	0.0%	-	-	-	-	-	-	-	-	-	-
SL0329.001	WESTFIELD	W	Inactive	M	Yes	Yes	N	14,600	9,800	1-Jun-97	9,800	100.0%	P	-	-	-	-	-	-	-	-	-
SL0331.001	WESTHAMPTON	W	Active	M	Yes	Yes	N	600	900	31-Dec-98	900	100.0%	F	F	-	-	-	-	-	-	-	-
SL0332.001	WESTMINSTER	C	Active	M	No	No	Y	163,958	177,651	31-Dec-00	156,000	100.0%	F	F	F	F	-	-	-	-	-	-
SL0334.002	WESTPORT	S	Active	M	Yes	Yes	N	11,000	2,228	31-Dec-98	2,228	100.0%	F	F	-	-	-	-	-	-	-	-
SL0340.001	WILLIAMSBURG	W	Inactive	M	-	-	N	-	-	31-Oct-96	-	0.0%	-	-	-	-	-	-	-	-	-	-
SL0343.001	WINCHENDON	C	Active	M	No	No	N	47,020	72,200	31-Dec-98	82,500	9.0%	F	F	-	-	-	-	-	-	-	-
SL0348.007	WORCESTER	C	Active	M	-	Yes	N	12,400	12,500	31-Dec-97	15,000	0.0%	F	-	-	-	-	-	-	-	-	-

* Column Heading Definitions

DEP Region - (C)entral, (N)ortheast, (S)outheast, (W)estern
Status - Active, currently operating; Inactive, not operating not capped; Closed not operating and capped
Own - ownership of the landfill is either (M)unicipal or (P)rivate
Exclusive MSW / nonMSW - Accepts MSW exclusively from the municipality that the landfill is located in (Yes), accepts MSW from any source (No)
Accepts nonMSW exclusively from the municipality that the landfill is located in (Yes) or accepts nonMSW from any source (No).
Liner - landfill operates a lined cell (Y), does not operate a lined cell (N)
1995/1996 Disposed - tons of waste landfilled in 1995/1996
Estimated Close Date - projected date to cease landfilling waste, based on a permit, consent order, threat classification, or remaining capacity.
Projected TPY - annual tonnage (Tons Per Year) a landfill can dispose of based on a permit, consent order, or historic precedent.
Percent MSW - percent of annual tonnage that can be used for MSW disposal based on permit, consent order, or historic precedent.
Approved Capacity - indicates whether a landfill will operate at a (F)ull or (P)artial year's capacity for each given year. Actual amounts are a function of Projected TPY and Close Date

** Crapo Hill Landfill in Dartmouth serves only the Town of Dartmouth and the City of New Bedford.

Appendix I
Combustion Facilities

Massachusetts Combustion Facilities, 1996 Waste Accepted and Projected Capacity (1996-2006)

ID	Type[1]	Municipality	Facility Name	Projected Waste Accepted	1996 Waste Accepted[2]	Bypass	pre-burn metal Recovery	pre-burn nonmetal Recovery	Burned[3]	Post-burn metal Recovery
RR0005.005	MB	AGAWAM	Springfield Resource Recovery	131,400	122,581	1,731	-	155	122,426	57
MI0095.006	MI	FALL RIVER	Fall River Municipal Incinerator	52,000	31,987	357	-	-	31,897	-
RR0128.008	MB	HAVERHILL	Ogden Martin Systems / Haverhill	550,000	560,787	252	480	-	553,257	18,740
RR0149.007	RDF	LAWRENCE	Ogden Martin Systems / Lawrence	252,000	257,145	8,148	14,043	-	220,914	-
RR0186.005	MB	MILLBURY	Wheelabrator Millbury	490,000	492,415	-	187	-	488,185	3,008
RR0210.001	MB	NORTH ANDOVER	Massachusetts Refusetech Inc	440,000	425,164	-	-	-	425,164	10,119
RR0236.005	MB	PITTSFIELD	Energy Answers Corp Pittsfield	78,500	73,146	3,041	733	1,258	71,115	1,870
RR0250.002	RDF	ROCHESTER	SEMASS Resource Recovery	964,752	995,500	20,274	17,982	-	951,311	22,590
RR0262.006	MB	SAUGUS	Wheelabrator RESCO	440,000	445,578	-	-	-	441,157	18,387
TOTALS:				**3,398,652**	**3,404,303**	**33,803**	**33,425**	**1,413**	**3,305,426**	**74,771**

[1] Ash generation is related to the type of combustion process; Refuse Derived Fuel (RDF) leaves 16% of the original waste as ash, Mass Burn (MB) 25% as ash, and Municipal Incinerators (MI) also 25% as ash.

[2] Discrepancies between Waste Accepted and Burned are a result of Bypass, pre-burn recovery, and waste on the tipping floor at 12:01 AM on January 1, 1996.

Appendix J

Solid Waste Management
Generation and Capacity Projections

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total MSW Generation		7,042,524	7,042,524	7,042,524	7,042,524	7,079,120	7,115,716	7,152,312	7,188,908	7,225,504	7,263,051
	C&D	3,398,055	3,398,055	3,398,055	3,398,055	3,398,055	3,398,055	3,398,055	3,398,055	3,398,055	3,398,055
	Other	184,939	184,939	184,939	184,939	184,939	184,939	184,939	184,939	184,939	184,939
	Biosolids	45,000	25,000	10,000	-	-	-	-	-	-	-
Total Non-MSW Generation		**3,627,994**	**3,607,994**	**3,592,994**	**3,582,994**	**3,582,994**	**3,582,994**	**3,582,994**	**3,582,994**	**3,582,994**	**3,582,994**
Total Generation		**10,670,519**	**10,650,519**	**10,635,519**	**10,625,519**	**10,662,115**	**10,698,711**	**10,735,307**	**10,771,903**	**10,808,499**	**10,846,045**
	Combustion	3,398,652	3,398,652	3,398,652	3,398,652	3,398,652	3,398,652	3,398,652	3,398,652	3,398,652	3,398,652
	MSW Recycling	2,605,734	2,817,010	3,028,285	3,239,561	3,256,395	3,273,229	3,290,064	3,306,898	3,323,732	3,341,004
	MSW Landfill Capacity	1,684,299	868,793	590,935	360,044	182,106	181,795	130,720	130,720	130,720	119,160
Total MSW Management		**7,688,685**	**7,084,455**	**7,017,872**	**6,998,257**	**6,837,153**	**6,853,676**	**6,819,436**	**6,836,270**	**6,853,104**	**6,858,816**
	Non-MSW Proc and Recycling	2,566,667	2,566,667	2,566,667	2,566,667	2,566,667	2,566,667	2,566,667	2,566,667	2,566,667	2,566,667
	Non-MSW Landfill Capacity	1,351,007	472,530	44,044	4,914	4,914	3,810	-	-	-	-
Total Non-MSW Management		**3,917,674**	**3,039,197**	**2,610,711**	**2,571,581**	**2,571,581**	**2,570,477**	**2,566,667**	**2,566,667**	**2,566,667**	**2,566,667**
Total Management		**11,606,359**	**10,123,652**	**9,628,583**	**9,569,838**	**9,408,734**	**9,424,153**	**9,386,102**	**9,402,936**	**9,419,771**	**9,425,482**
	MSW Excess Capacity (Shortfall)	646,161	41,931	(24,652)	(44,267)	(241,967)	(262,040)	(332,877)	(352,638)	(372,400)	(404,236)
	Non-MSW Capacity (Shortfall)	289,680	(568,797)	(982,284)	(1,011,414)	(1,011,414)	(1,012,518)	(1,016,328)	(1,016,328)	(1,016,328)	(1,016,328)
	Total Excess Capacity (Shortfall)	935,841	(526,867)	(1,006,936)	(1,055,681)	(1,253,381)	(1,274,558)	(1,349,204)	(1,368,966)	(1,388,728)	(1,420,563)
Tons Per Day	MSW Excess Capacity (Shortfall)	2,100	100	(100)	(100)	(800)	(800)	(1,100)	(1,100)	(1,200)	(1,300)
	Non-MSW Capacity (Shortfall)	900	(1,800)	(3,100)	(3,200)	(3,200)	(3,200)	(3,300)	(3,300)	(3,300)	(3,300)
	Total Excess Capacity (Shortfall)	3,000	(1,700)	(3,200)	(3,400)	(4,000)	(4,100)	(4,300)	(4,400)	(4,500)	(4,600)

APPENDIX K
Summary of Municipal Recycling Grants (1989-1997)

Table K-1: Municipal Recycling Grants and Categories of Grants (FY89, FY91, FY93-FY1997)

		Value of Grants Awarded							Total Grants	Items and Materials Granted	
Municipality	Region	FY1989	FY1991	FY1993	FY1994	FY1995	FY1996	FY1997	FY89-97	FY1996	FY1997
ABINGTON	S				$1,447		$5,102	$1,163	$7,711	Compost bins and Consumer education	Consumer education
ACTON	C			$3,385		$1,830			$5,215		
ACUSHNET	S			$3,650	$10,810	$809		$941	$16,210		Consumer education
ADAMS	W					$16,360			$16,360		
AGAWAM	W	$108,575				$5,610	$71,270	$6,295	$191,750	Recycling equipment	Compost bins and Consumer education
ALFORD	W	$5,165							$5,165		
AMESBURY	N					$36,750		$24,861	$61,611		Compost bins, Consumer education, and Technical assistance
AMHERST	W	$94,750			$13,437	$17,846	$22,826	$7,105	$155,965	Compost bins, Consumer education, and HHP equip	Compost bins, Consumer education, and Recycling equipment
ANDOVER	N					$8,180			$8,180		
ARLINGTON	N			$39,200			$6,652	$4,816	$50,668	Compost bins and Consumer education	Compost bins and Recycling equipment
ASHBURNHAM	C		$11,505	$6,125		$3,234			$20,864		
ASHBY	C			$6,900		$1,892			$8,792		
ASHFIELD	W	$7,515							$7,515		
ASHLAND	N		$11,346					$44	$11,390		Consumer education
ATHOL	C	$21,035							$21,035		
ATTLEBORO	S			$29,033	$18,816	$17,044	$6,690	$8,816	$80,398	Compost bins and Consumer education	Compost bins, Consumer education, and Recycling equipment
AUBURN	C				$2,959				$2,959		
AVON	S			$4,410	$647				$5,057		
AYER	C				$4,617	$474			$5,091		
BARNSTABLE	S			$7,185	$11,600	$26,023	$16,243		$61,051	Consumer education and Recycling equipment	
BARRE	C							$635	$635		Consumer education
BECKET	W					$4,090	$4,090	$145	$8,325	Recycling equipment	Consumer education
BEDFORD	N						$1,240	$1,488	$2,728	Compost bins	Compost bins
BELCHERTOWN	W				$1,267			$1,366	$2,633		Consumer education

Municipality	Region	Value of Grants Awarded FY1989	FY1991	FY1993	FY1994	FY1995	FY1996	FY1997	Total Grants FY89-97	Items and Materials Granted FY1996	FY1997
BELLINGHAM	C		$11,505			$6,027	$20,282	$1,510	$39,324	Consumer education	Consumer education
BELMONT	N		$22,069				$2,994	$2,994	$28,057	Consumer education	Consumer education
BERKLEY	S				$1,005	$8,180	$3,395	$1,511	$14,091	Recycling equipment	Consumer education and HHP equip.
BERLIN	C				$1,917	$4,072 .		$1,324	$7,313		Compost bins and Consumer education
BERNARDSTON	W				$3,895	$7,600			$11,495		
BEVERLY	N					$10,269	$5,336		$15,605	Compost bins and Consumer education	
BILLERICA	N			$27,685		$11,982			$39,667		
BLACKSTONE	C			$10,685	$3,567				$14,252		
BLANDFORD	W	$6,172					$132		$6,304	Consumer education	
BOLTON	C				$8,382	$9,736			$18,118		
BOSTON	N		$10,500	$10,900	$338,100	$38,192	$343,525	$106,585	$847,803	Compost bins, Consumer education, HHP equip., and Technical assistance	Compost bins, Consumer education, HHP equip., and Recycling equipment
BOURNE	S		$21,786	$7,035	$1,387	$17,032	$82,137	$2,686	$132,064	Compost bins, Consumer education, and Recycling equipment	Consumer education
BOXBOROUGH	C				$7,887	$2,046		$294	$10,227		Consumer education
BOXFORD	N		$8,385	$3,385		$565	$1,506	$714	$14,555	Consumer education	Consumer education
BOYLSTON	C		$7,020						$7,020		
BRAINTREE	N			$26,705	$8,700			$3,323	$38,728		Consumer education
BREWSTER	S			$7,300	$1,147	$38,239	$5,725		$52,411	Consumer education and HHP equip.	
BRIDGEWATER	S		$11,990			$5,755			$17,745		
BRIMFIELD	W			$7,300		$6,017			$13,317		
BROCKTON	S					$87,688		$9,691	$97,379		Consumer education
BROOKFIELD	C			$3,450		$4,078	$3,679	$441	$11,648	Consumer education and HHP equip.	Consumer education
BROOKLINE	N							$5,740	$5,740		Compost bins and Recycling equipment
BUCKLAND	W	$6,990		$3,650		$3,683			$14,323		
BURLINGTON	N			$18,865	$2,107	$7,378		$2,437	$30,787		Consumer education
CAMBRIDGE	N		$73,195	$7,300	$6,210	$27,054	$43,598	$17,850	$175,206	Compost bins, Consumer education, and Technical assistance	Compost bins, Consumer education, and Recycling equipment
CANTON	N			$13,475	$16,197	$1,282	$2,352	$6,324	$39,630	Consumer education	Compost bins and Consumer education
CARLISLE	N				$3,800	$7,301			$11,101		

Municipality	Region	Value of Grants Awarded FY1989	FY1991	FY1993	FY1994	FY1995	FY1996	FY1997	Total Grants FY89-97	Items and Materials Granted FY1996	FY1997
CARVER	S								$0		
CHARLEMONT	W	$1,975				$4,400			$6,375		
CHARLTON	C		$12,270						$12,270		
CHATHAM	S	$13,000		$6,770	$1,027	$4,090	$5,235		$30,122	Compost bins	
CHELMSFORD	N				$3,500		$2,895	$3,093	$9,488	Compost bins	Compost bins
CHELSEA	N			$84,148	$8,700	$2,857			$95,705		
CHESHIRE	W								$0		
CHESTER	W	$6,175				$5,637			$11,812		
CHESTERFIELD	W	$5,185							$5,185		
CHICOPEE	W	$311,900				$6,646	$72,320	$4,410	$395,276	Consumer education and Recycling equipment	Consumer education
CHILMARK	S								$0		
CLARKSBURG	W								$0		
CLINTON	C			$10,420	$3,650	$5,531	$37,480		$57,081	Compost bins and Technical assistance	
COHASSET	N	$7,936	$4,295	$3,385	$4,312	$5,148	$2,212	$4,726	$32,014	Compost bins and Consumer education	Consumer education
COLRAIN	W	$6,330				$4,090			$10,420		
CONCORD	N	$13,215		$11,515	$10,027	$3,261	$2,296	$4,595	$44,908	Consumer education	Compost bins, Consumer education, and Recycling equipment
CONWAY	W	$7,160				$4,090			$11,250		
CUMMINGTON	W	$5,580							$5,580		
DALTON	W			$3,650		$2,163		$163	$5,975		Consumer education
DANVERS	N				$2,247	$5,779	$32,928	$3,205	$44,158	Consumer education and Recycling equipment	Consumer education and Recycling equipment
DARTMOUTH	S	$11,506						$690	$12,196		Recycling equipment
DEDHAM	N		$5,770	$3,650	$7,800				$17,220		
DEERFIELD	W	$10,912							$10,912		
DENNIS	S		$8,180		$7,395	$15,413		$9,645	$40,633		Consumer education and HHP equip.
DIGHTON	S				$12,526				$12,526		
DOUGLAS	C				$2,347				$2,347		
DOVER	N					$1,937	$643	$538	$3,119	Consumer education	Consumer education

Municipality	Region	Value of Grants Awarded FY1989	FY1991	FY1993	FY1994	FY1995	FY1996	FY1997	Total Grants FY89-97	Items and Materials Granted FY1996	FY1997
DRACUT	N					$14,996	$5,339		$20,335	Compost bins and Consumer education	
DUDLEY	C		$11,990						$11,990		
DUNSTABLE	C		$8,180				$4,400		$12,580	Recycling equipment	
DUXBURY	S			$6,835		$7,615			$14,450		
EAST BRIDGEWATER	S				$15,976		$1,628		$17,604	Compost bins	
EAST BROOKFIELD	C			$3,600		$389		$570	$4,559		Consumer education and Recycling equipment
EAST LONGMEADOW	W	$17,775				$2,427			$20,202		
EASTHAM	S			$5,950		$4,800	$5,033	$1,540	$17,323	Consumer education and HHP equip.	Consumer education
EASTHAMPTON	W	$23,463					$2,204		$25,667	Consumer education	
EASTON	S		$12,270		$4,299	$9,423		$1,903	$27,895		Consumer education
EDGARTOWN	S				$7,185	$8,180			$15,365		
EGREMONT	W	$6,844			$407				$7,251		
ERVING	W	$6,034			$3,650				$9,684		
ESSEX	N			$10,005		$379	$443		$10,827	Consumer education	
EVERETT	N			$6,250		$52,648	$4,509	$4,660	$68,067	Consumer education	Consumer education
FAIRHAVEN	S		$7,900		$20,245	$16,854	$4,538	$2,411	$51,948	Consumer education	Consumer education
FALL RIVER	S				$8,767	$127,895		$115,435	$252,097		Consumer education, Recycling equip., and Technical assist.
FALMOUTH	S				$1,487	$17,948		$13,421	$32,856		Compost bins, Consumer education, and Recycling equipment
FITCHBURG	C			$3,385	$5,955	$15,815	$10,018	$4,899	$40,073	Consumer education	Consumer education
FLORIDA	W								$0		
FOXBOROUGH	S		$8,623	$1,470	$2,806	$20,224	$5,236	$12,940	$51,299	Consumer education and HHP equip.	Consumer education
FRAMINGHAM	N		$48,493	$7,300		$35,792	$21,935	$7,032	$120,552	Compost bins and Consumer education	Consumer education
FRANKLIN	S		$15,452	$53,525				$3,329	$72,306		Compost bins and Consumer education
FREETOWN	S			$6,985	$587	$4,565	$7,955		$20,092	Compost bins, Consumer education, and HHP equip	
GARDNER	C		$10,500			$1,988	$36,932	$2,352	$51,771	Consumer education and Recycling equipment	Consumer education
GAY HEAD	S								$0		
GEORGETOWN	N					$7,600	$5,401	$790	$13,791	Consumer education and Recycling equipment	Consumer education

Municipality	Region	Value of Grants Awarded FY1989	FY1991	FY1993	FY1994	FY1995	FY1996	FY1997	Total Grants FY89-97	Items and Materials Granted FY1996	FY1997
GILL	W	$17,035				$4,090			$21,125		
GLOUCESTER	N		$11,595	$3,650	$9,087	$5,385			$29,717		
GOSHEN	W	$6,765							$6,765		
GOSNOLD	S				$8,400	$36		$1,445	$9,881		Compost bins and Recycling equipment
GRAFTON	C				$14,442	$817		$1,487	$16,746		Consumer education
GRANBY	W	$12,740					$1,628	$4,549	$18,917	Compost bins	Consumer education and HHP equip.
GRANVILLE	W	$7,160					$4,090		$11,250	Recycling equipment	
GREAT BARRINGTON	W	$3,950		$6,770	$2,450	$9,882			$23,052		
GREENFIELD	W			$53,525	$6,384	$19,996	$5,503	$2,205	$87,613	Consumer education and HHP equip.	Consumer education
GROTON	C				$9,600	$890	$993	$834	$12,316	Consumer education	Consumer education
GROVELAND	N		$8,180		$6,630				$14,810		
HADLEY	W	$9,925							$9,925		
HALIFAX	S		$12,270	$6,125	$6,303	$9,970	$1,040	$784	$36,492	Consumer education	Consumer education
HAMILTON	N				$2,600				$2,600		
HAMPDEN	W				$3,800	$3,895		$509	$8,204		Consumer education
HANCOCK	W								$0		
HANOVER	S		$11,385	$3,385			$6,020	$4,020	$24,810	Consumer education and HHP equip.	Compost bins and Consumer education
HANSON	S			$10,350	$987	$3,493			$14,830		
HARDWICK	C					$14,484	$29,090	$5,065	$48,639	Recycling equipment and Technical assistance	Consumer education and HHP equip.
HARVARD	C				$7,300				$7,300		
HARWICH	S				$1,187	$9,740	$5,551	$2,601	$19,079	Consumer education and Recycling equipment	Consumer education
HATFIELD	W	$8,740							$8,740		
HAVERHILL	N			$6,770		$3,740	$6,219	$141,430	$158,159	Consumer education	Recycling equipment
HAWLEY	W								$0		
HEATH	W	$5,185				$66	$4,400		$9,651	Recycling equipment	
HINGHAM	N			$7,035		$6,876	$6,749	$5,483	$26,143	Compost bins and HHP equip.	Compost bins and Consumer education
HINSDALE	W								$0		

Municipality	Region	Value of Grants Awarded FY1989	FY1991	FY1993	FY1994	FY1995	FY1996	FY1997	Total Grants FY89-97	Items and Materials Granted FY1996	FY1997
HOLBROOK	N			$7,300		$13,225	$3,191		$23,716	Compost bins and Consumer education	
HOLDEN	C	$5,009			$7,100				$12,109		
HOLLAND	W			$9,700				$363	$10,063		Consumer education
HOLLISTON	C	$6,319	$20,885		$6,500	$1,161			$34,865		
HOLYOKE	W	$218,506				$17,134	$9,830	$4,946	$250,416	Compost bins and HHP equip.	Consumer education
HOPEDALE	C					$449	$2,480		$2,929	Compost bins	
HOPKINTON	C		$7,885			$13,140	$3,078	$3,225	$27,326	Compost bins and Consumer education	Compost bins, Consumer education, and Recycling equipment
HUBBARDSTON	C		$7,000	$3,385		$5,523	$366		$16,274	Consumer education	
HUDSON	C					$2,064		$5,962	$8,026		Consumer education and HHP equip.
HULL	N					$1,628	$9,408	$4,200	$15,236	Compost bins and Recycling equipment	Recycling equipment
HUNTINGTON	W	$6,508							$6,508		
IPSWICH	N			$6,900	$1,427	$11,432	$3,331	$1,593	$24,684	Consumer education	Consumer education
KINGSTON	S		$10,500		$1,167	$4,090	$1,521	$4,290	$21,568	Consumer education	Compost bins and Consumer education
LAKEVILLE	S		$7,885		$4,462	$8,136	$2,903	$1,003	$24,389	Compost bins and Consumer education	Consumer education
LANCASTER	C			$3,650	$7,942	$4,570	$885	$500	$17,547	Consumer education	Consumer education
LANESBOROUGH	W							$347	$347		Consumer education
LAWRENCE	N			$136,450		$11,779	$23,670	$3,043	$174,942	Recycling equipment	Consumer education
LEE	W	$10,665				$3,762		$4,204	$18,631		Consumer education and HHP equip.
LEICESTER	C			$10,285		$7,016	$7,462	$880	$25,644	Compost bins, Consumer education, and HHP equip.	Consumer education
LENOX	W					$472	$978	$942	$2,392	Consumer education	Consumer education
LEOMINSTER	C			$78,025	$4,259	$31,034	$10,133	$21,213	$144,663	Compost bins and Consumer education	Compost bins, Consumer education, and HHP equip.
LEVERETT	W	$6,370			$407	$2,484	$4,245		$13,506	Recycling equipment	
LEXINGTON	N					$2,268			$2,268		
LEYDEN	W								$0		
LINCOLN	N			$6,770		$7,583		$516	$14,868		Consumer education
LITTLETON	C				$3,650	$4,502	$4,594	$759	$13,505	Consumer education and HHP equip.	Consumer education
LONGMEADOW	W			$3,385			$17,210	$4,894	$25,489	Recycling equipment	Compost bins and Consumer education

Municipality	Region	Value of Grants Awarded FY1989	FY1991	FY1993	FY1994	FY1995	FY1996	FY1997	Total Grants FY89-97	Items and Materials Granted FY1996	FY1997
LOWELL	N	$78,690				$16,685		$7,438	$102,813		Consumer education
LUDLOW	W	$22,515			$6,775	$3,256			$32,546		
LUNENBURG	C		$7,885	$3,650					$11,535		
LYNN	N				$25,973		$110,897	$7,644	$144,514	Consumer education and Recycling equipment	Consumer education
LYNNFIELD	N					$8,666	$4,001	$936	$13,602	Consumer education and Recycling equipment	Recycling equipment
MALDEN	N					$2,545			$2,545		
MANCHESTER	N					$4,250	$1,011	$5,121	$10,383	Consumer education	Consumer education and Recycling equipment
MANSFIELD	S		$11,680		$3,074			$3,605	$18,359		Compost bins, Consumer education, and Recycling equipment
MARBLEHEAD	N		$40,550	$226,106	$4,070	$5,567		$74,600	$350,893		Recycling equipment
MARION	S							$11,633	$11,633		Consumer education and Recycling equipment
MARLBOROUGH	C		$11,850		$11,600				$23,450		
MARSHFIELD	S		$7,000			$14,875	$16,657	$2,519	$41,050	Compost bins and Consumer education	Consumer education
MASHPEE	S				$1,427	$7,985	$6,376	$2,082	$17,870	Compost bins and Consumer education	Consumer education
MATTAPOISETT	S				$7,769	$3,992			$11,761		
MAYNARD	C			$9,500	$1,127	$953	$7,394	$953	$19,927	Compost bins and Consumer education	Consumer education
MEDFIELD	N					$6,612	$4,417	$1,384	$12,413	Compost bins and Consumer education	Consumer education
MEDFORD	N			$46,550			$1,378	$3,885	$51,812	Compost bins	Compost bins and Recycling equipment
MEDWAY	C				$11,844	$2,061	$3,280	$3,547	$20,732	Compost bins and Consumer education	Compost bins, Consumer education, and Recycling equipment
MELROSE	N				$13,924	$2,856	$6,707	$3,980	$27,467	Compost bins and Consumer education	Compost bins and Consumer education
MENDON	C		$4,090						$4,090		
MERRIMAC	N			$7,600					$7,600		
METHUEN	N	$24,500			$99,608		$11,121	$5,970	$141,199	Consumer education and HHP equip.	Consumer education and Recycling equipment
MIDDLEBOROUGH	S			$66,633		$14,665	$6,580		$87,878	Consumer education and HHP equip.	
MIDDLEFIELD	W	$4,592							$4,592		
MIDDLETON	N		$8,180	$3,500	$727		$1,478	$676	$14,561	Consumer education	Consumer education
MILFORD	C		$17,479		$2,267	$7,786		$5,420	$32,952		Consumer education, HHP equip., and Recycling equipment
MILLBURY	C			$13,475		$7,801		$10,408	$31,684		Compost bins, Consumer education, and Recycling equipment

		Value of Grants Awarded						Total Grants	Items and Materials Granted	
Municipality	Region	FY1989	FY1991	FY1993	FY1994	FY1995	FY1996	FY1997	FY89-97	FY1996	FY1997
MILLIS	N	$8,339	$15,785					$669	$24,793		Consumer education
MILLVILLE	C			$2,205		$2,659			$4,864		
MILTON	N				$6,400	$8,709		$3,502	$18,612		Consumer education
MONROE	W	$296		$3,650					$3,946		
MONSON	W	$16,690					$196	$2,300	$19,186	Consumer education	Consumer education and Recycling equipment
MONTAGUE	W				$11,400			$1,380	$12,780		Recycling equipment
MONTEREY	W	$7,614					$4,090	$1,026	$12,730	Recycling equipment	Compost bins
MONTGOMERY	W			$735				$312	$1,047		Recycling equipment
MOUNT WASHINGTON	W								$0		
NAHANT	N			$1,225	$2,422	$5,675			$9,322		
NANTUCKET	S	$97,350			$11,302	$6,790	$2,103		$117,545	Consumer education	
NATICK	N		$14,335		$27,331	$12,894	$3,918	$6,563	$65,041	Consumer education	Compost bins, Consumer education, and Recycling equipment
NEEDHAM	N		$15,925	$172,581		$34,401	$11,600	$2,499	$237,006	Compost bins and Consumer education	Consumer education
NEW ASHFORD	W								$0		
NEW BEDFORD	S							$3,890	$3,890		Recycling equipment
NEW BRAINTREE	C				$694				$694		
NEW MARLBOROUGH	W	$7,555					$4,090	$176	$11,821	Recycling equipment	Consumer education
NEW SALEM	W	$5,343		$3,450					$8,793		
NEWBURY	N			$10,950	$587		$4,824	$735	$17,096	Consumer education and Recycling equipment	Consumer education
NEWBURYPORT	N	$9,500	$17,118	$53,525	$8,551	$16,809	$5,773	$2,486	$113,761	Consumer education	Consumer education and Recycling equipment
NEWTON	N	$190,000			$9,747	$17,611	$22,035	$13,309	$252,702	Compost bins, Consumer education, and Recycling equipment	Compost bins and Consumer education
NORFOLK	N					$14,136			$14,136		
NORTH ADAMS	W				$9,602	$434,813	$68,421	$1,471	$514,308	Consumer education and Transfer trailers	Consumer education
NORTH ANDOVER	N			$14,600	$18,052		$7,812		$40,464	HHP equip. and Recycling equipment	
NORTH ATTLEBOROUGH	S			$14,700	$2,236		$1,628	$4,537	$23,101	Compost bins	Compost bins and Consumer education
NORTH BROOKFIELD	C		$8,040	$3,385	$4,873	$5,121	$2,437	$11,843	$35,698	Compost bins and Consumer education	Consumer education and HHP equip.
NORTH READING	N				$21,765	$9,502	$1,357		$32,624	Consumer education	

Municipality	Region	Value of Grants Awarded FY1989	FY1991	FY1993	FY1994	FY1995	FY1996	FY1997	Total Grants FY89-97	Items and Materials Granted FY1996	FY1997
NORTHAMPTON	W	$83,170			$2,827	$7,764	$8,165	$23,528	$125,455	Compost bins and Consumer education	Compost bins, Consumer education, and Technical assistance
NORTHBOROUGH	C					$1,896	$1,411	$1,638	$4,944	Consumer education	Consumer education and Recycling equipment
NORTHBRIDGE	C			$3,385	$1,447	$19,055		$5,842	$29,729		Consumer education and HHP equip
NORTHFIELD	W	$7,160		$3,385	$527			$303	$11,375		Consumer education
NORTON	S		$10,245			$24,967	$3,727	$1,117	$40,056	Compost bins and Consumer education	Consumer education
NORWELL	S					$2,110	$7,415		$9,525	Consumer education and HHP equip	
NORWOOD	N						$12,705	$6,501	$19,206	Compost bins, Consumer education, and HHP equip.	Consumer education and Recycling equipment
OAK BLUFFS	S				$1,388	$5,380			$6,768		
OAKHAM	C								$0		
ORANGE	W	$22,220				$3,102	$4,860		$30,183	Consumer education	
ORLEANS	S		$10,245	$9,375	$6,527	$18,106		$970	$45,223		Consumer education
OTIS	W			$3,650	$6,770				$10,420		
OXFORD	C								$0		
PALMER	W					$3,890	$3,277		$7,167	Compost bins and Consumer education	
PAXTON	C			$3,430		$1,997	$1,550	$830	$7,807	Compost bins and Consumer education	Consumer education and Recycling equipment
PEABODY	N	$66,860	$7,785	$6,770	$6,514	$8,549	$1,240	$6,019	$103,737	Compost bins	Compost bins and Consumer education
PELHAM	W	$2,014						$155	$2,169		Consumer education
PEMBROKE	S			$10,950	$3,950	$9,199	$1,712		$25,811	Consumer education	
PEPPERELL	C			$13,935	$3,650	$10,071			$27,656		
PERU	W								$0		
PETERSHAM	C		$4,090	$3,650		$99			$7,839		
PHILLIPSTON	C			$7,300	$1,300	$8,751			$17,351		
PITTSFIELD	W	$4,000							$4,000		
PLAINFIELD	W	$4,948							$4,948		
PLAINVILLE	S				$5,800				$5,800		
PLYMOUTH	S				$19,787	$27,086	$15,572	$121,036	$183,481	Compost bins, Consumer education, and Recycling equipment	Consumer education, HHP equip , and Recycling equipment
PLYMPTON	S					$1,628			$1,628		

Municipality	Region	Value of Grants Awarded FY1989	FY1991	FY1993	FY1994	FY1995	FY1996	FY1997	Total Grants FY89-97	Items and Materials Granted FY1996	FY1997
PRINCETON	C			$3,450	$3,650	$4,224			$11,324		
PROVINCETOWN	S		$27,275			$10,132	$2,807	$2,479	$42,694	Compost bins and Consumer education	Compost bins, Consumer education, and Recycling equipment
QUINCY	N					$12,361	$2,254		$14,615	Compost bins	
RANDOLPH	N							$10,606	$10,606		Compost bins, Consumer education, and Recycling equipment
RAYNHAM	S					$3,890			$3,890		
READING	N					$3,392	$1,473	$2,313	$7,177	Compost bins	Consumer education
REHOBOTH	S			$10,420			$7,381	$363	$18,163	Consumer education and HHP equip.	Consumer education
REVERE	N		$7,900	$39,078	$8,132	$7,478			$62,588		
RICHMOND	W					$4,526		$1,628	$6,154		Compost bins
ROCHESTER	S			$3,650	$4,799	$1,105		$1,199	$10,752		Consumer education and Recycling equipment
ROCKLAND	S				$2,959	$36,600	$11,031	$1,581	$52,171	Compost bins, Consumer education, and HHP equip.	Consumer education
ROCKPORT	N		$11,300	$7,100		$1,606	$3,493	$1,245	$24,744	HHP equip.	Consumer education
ROWE	W	$17,825							$17,825		
ROWLEY	N			$7,100				$8,010	$15,110		Compost bins, Consumer education, and Recycling equipment
ROYALSTON	C				$14,774	$1,766		$4,103	$20,643		Consumer education and HHP equip.
RUSSELL	W	$6,469				$1,869			$8,338		
RUTLAND	C		$7,900						$7,900		
SALEM	N		$36,453		$15,694	$78,061	$13,564	$8,229	$152,001	Compost bins and Consumer education	Compost bins and Consumer education
SALISBURY	N			$6,900				$85,104	$92,004		Consumer education, Recycling equipment
SANDISFIELD	W								$0		
SANDWICH	S		$11,680			$162,292			$173,972		
SAUGUS	N			$6,900	$5,107	$27,746	$2,863	$3,782	$46,399	Consumer education	Consumer education and Recycling equipment
SAVOY	W								$0		
SCITUATE	S		$7,590			$8,974	$2,275	$2,058	$20,897	Consumer education	Consumer education
SEEKONK	S		$11,850	$9,375	$1,267	$5,053		$6,514	$34,059		Compost bins, HHP equip. and Consumer education
SHARON	S			$9,395				$1,560	$10,955		Recycling equipment
SHEFFIELD	W	$13,372					$3,895		$17,267	Recycling equipment	

Municipality	Region	Value of Grants Awarded FY1989	FY1991	FY1993	FY1994	FY1995	FY1996	FY1997	Total Grants FY89-97	Items and Materials Granted FY1996	FY1997
SHELBURNE	W	$7,160							$7,160		
SHERBORN	N				$10,008	$342	$561	$427	$11,338	Consumer education	Consumer education
SHIRLEY	C								$0		
SHREWSBURY	C				$31,725	$14,053	$3,371	$3,071	$52,220	Consumer education	Consumer education
SHUTESBURY	W	$6,567						$1,680	$8,247		Compost bins and Consumer education
SOMERSET	S			$15,092		$6,512	$350		$21,954	Consumer education	
SOMERVILLE	N		$58,035	$195,855	$6,100	$3,707			$263,697		
SOUTH HADLEY	W			$13,230		$8,740			$21,970		
SOUTHAMPTON	W	$11,900				$6,661		$1,984	$20,545		Compost bins
SOUTHBOROUGH	C			$10,310			$4,400		$14,710	Recycling equipment	
SOUTHBRIDGE	C			$12,740		$4,497		$3,503	$20,740		Compost bins
SOUTHWICK	W	$9,085				$4,780	$987		$14,852	Consumer education	
SPENCER	C			$3,650		$6,400	$3,542	$1,013	$14,606	Compost bins and Consumer education	Consumer education
SPRINGFIELD	W	$864,878		$172,581	$25,027	$123,547	$91,720	$51,252	$1,329,005	Compost bins, Consumer educati..., HHP equip., and Recycling equipment	Compost bins, Consumer ed, Recycling equip., and Technical assistance
STERLING	C			$12,455	$4,508	$7,151	$1,488	$12,000	$37,602	Compost bins	Technical assistance
STOCKBRIDGE	W	$9,925				$9,896	$10,299		$30,120	Consumer education and Technical assistance	
STONEHAM	N				$27,095	$3,840	$6,732	$2,087	$39,755	Compost bins and Consumer education	Consumer education
STOUGHTON	S						$71,270	$23,460	$94,730	Recycling equipment	Recycling equipment
STOW	C		$8,040	$7,300					$15,340		
STURBRIDGE	C		$8,180	$7,300		$3,874	$3,493		$22,847	HHP equip.	
SUDBURY	N			$6,900		$8,180	$1,984		$17,064	Consumer education	
SUNDERLAND	W	$2,765			$770		$504	$217	$4,257	Consumer education	Consumer education
SUTTON	C					$1,628		$6,945	$8,573		Recycling equipment
SWAMPSCOTT	N		$12,573		$11,675	$4,160	$1,836	$2,868	$33,112	Consumer education	Consumer education and Recycling equipment
SWANSEA	S		$12,075	$13,328					$25,403		
TAUNTON	S				$18,340	$12,524	$4,884		$35,748	Compost bins	
TEMPLETON	C			$6,950	$527			$3,242	$10,719		Compost bins

Municipality	Region	Value of Grants Awarded FY1989	FY1991	FY1993	FY1994	FY1995	FY1996	FY1997	Total Grants FY89-97	Items and Materials Granted FY1996	FY1997
TEWKSBURY	N		$16,865			$4,105			$20,970		
TISBURY	S						$9,514		$9,514	Compost bins and Recycling equipment	
TOLLAND	W	$987							$987		
TOPSFIELD	N		$7,885		$1,312		$8,315	$654	$18,165	Consumer education and Recycling equipment	Consumer education
TOWNSEND	C		$11,300	$3,650	$1,656	$12,138			$28,744		
TRURO	S					$12,424	$5,253		$17,678	Compost bins, Consumer education, and HHP equip	
TYNGSBOROUGH	C						$4,481		$4,481	Compost bins and Consumer education	
TYRINGHAM	W								$0		
UPTON	C				$14,200				$14,200		
UXBRIDGE	C			$3,650	$5,800				$9,450		
WAKEFIELD	N				$13,192		$2,873	$780	$16,845	Consumer education	Recycling equipment
WALES	W					$1,759			$1,759		
WALPOLE	N		$13,998	$1,225	$11,468	$1,557	$2,388	$4,328	$34,964	Consumer education	Compost bins, Consumer education, and Recycling equipment
WALTHAM	N			$56,350	$15,087	$5,946	$6,787	$13,167	$97,337	Consumer education	Compost bins, Consumer education, and Recycling equipment
WARE	W			$3,650	$1,187				$4,837		
WAREHAM	S						$10,280	$33,929	$44,209	Consumer education and Recycling equipment	Consumer education and Recycling equipment
WARREN	C		$7,885			$1,628	$561	$412	$10,486	Consumer education	Consumer education
WARWICK	W				$7,300				$7,300		
WASHINGTON	W	$4,829							$4,829		
WATERTOWN	N		$7,745		$13,204	$8,870	$5,114	$3,817	$38,750	Consumer education	Consumer education
WAYLAND	N			$13,800		$1,090	$8,594	$4,465	$27,949	Compost bins, Consumer education, and HHP equip.	Compost bins and Consumer education
WEBSTER	C	$7,758				$3,256			$11,014		
WELLESLEY	N	$40,155				$8,699	$7,437	$6,394	$82,685	Consumer education and HHP equip.	Consumer education and Recycling equipment
WELLFLEET	S		$7,000	$6,770	$3,800	$5,144	$6,947	$8,785	$38,446	Compost bins and Consumer education	Consumer education and HHP equip
WENDELL	W	$5,382		$3,385					$8,767		
WENHAM	N			$3,125					$3,125		
WEST BOYLSTON	C				$4,827	$613		$2,217	$7,657		Compost bins and Consumer education

Municipality	Region	Value of Grants Awarded FY1989	FY1991	FY1993	FY1994	FY1995	FY1996	FY1997	Total Grants FY89-97	Items and Materials Granted FY1996	FY1997
WEST BRIDGEWATER	S			$3,450			$11,450	$2,197	$17,097	Compost bins and Recycling equipment	Compost bins and Consumer education
WEST BROOKFIELD	C			$3,600			$3,981	$4,443	$12,024	Consumer education and HHP equip.	Consumer education and Recycling equipment
WEST NEWBURY	N					$332		$6,833	$7,165		Consumer education and Recycling equipment
WEST SPRINGFIELD	W	$37,575							$37,575		
WEST STOCKBRIDGE	W						$3,895	$87	$3,982	Recycling equipment	Consumer education
WEST TISBURY	S								$0		
WESTBOROUGH	C					$4,176	$14,773	$3,565	$22,514	Compost bins, Consumer education, and Recycling equipment	Compost bins and Consumer education
WESTFIELD	W	$98,886					$81,788	$11,723	$192,397	Consumer education, HHP equip., and Recycling equipment	Compost bins, Consumer education, and Recycling equipment
WESTFORD	C				$3,650	$5,398	$2,009	$1,749	$12,807	Consumer education	Consumer education
WESTHAMPTON	W	$14,172							$14,172		
WESTMINSTER	C							$1,982	$1,982		Compost bins and Consumer education
WESTON	N					$8,104			$8,104		
WESTPORT	S			$6,770		$11,653	$6,542		$24,965	Compost bins and Recycling equipment	
WESTWOOD	N				$9,967	$5,135	$3,253	$19,406	$37,761	Compost bins and Consumer education	Consumer education and Recycling equipment
WEYMOUTH	N				$5,287	$7,499	$14,001	$7,887	$34,674	Consumer education	Consumer education and Recycling equipment
WHATELY	W					$4,090			$4,090		
WHITMAN	S							$4,547	$4,547		Compost bins, Consumer education, and Recycling equipment
WILBRAHAM	W					$8,470		$5,163	$13,633		Consumer education and Recycling equipment
WILLIAMSBURG	W	$11,397							$11,397		
WILLIAMSTOWN	W					$1,181			$1,181		
WILMINGTON	N				$3,074	$9,569		$2,272	$14,915		Consumer education
WINCHENDON	C			$3,385		$7,335	$5,213		$15,934	Consumer education and HHP equip.	
WINCHESTER	N			$3,450		$12,025	$5,191		$20,666	Compost bins and Consumer education	
WINDSOR	W								$0		
WINTHROP	N			$15,435			$6,512		$21,947	Compost bins	
WOBURN	N	$18,787		$3,385		$6,512			$28,684		
WORCESTER	C	$22,847		$172,581	$162,748	$27,776	$39,459	$22,362	$447,773	Consumer education	Consumer education and Recycling equipment

Municipality	Region	Value of Grants Awarded FY1989	FY1991	FY1993	FY1994	FY1995	FY1996	FY1997	Total Grants FY89-97	Items and Materials Granted FY1996	FY1997
WORTHINGTON	W	$5,777							$5,777		
WRENTHAM	S			$6,615	$947	$9,796	$1,056	$882	$19,295	Consumer education	Consumer education
YARMOUTH	S	$47,027		$6,250	$5,800	$4,090		$7,863	$71,030		Consumer education and HHP equip

Grant Totals:	$2,958,930	$946,620	$2,465,361	$1,583,177	$2,746,966	$2,016,256	$1,469,606	**$14,186,916**
# of Municipalities:	80	68	127	143	212	161	181	**330**

Table K-2: Recycling Grants to Regional Groups (FY89, FY91, FY93-FY1997)

Organization	Value of Grants Awarded FY1989	FY1991	FY1993	FY1994	FY1995	FY1996	FY1997	Total Grants FY89-97
Acushnet/Marion/Rochester Regional Health District					$8,070			$8,070
Barnstable County Cooperative Extension						$25,000		$25,000
Bristol Conservation District						$1,147		$1,147
Cape Cod Conservation District						$3,256		$3,256
Cape Cod Cooperative Extension						$13,564		$13,564
Carver Marion Wareham Regional Refuse District			$3,650		$4,754			$8,404
Center for Ecological Technology					$10,000			$10,000
Essex County				$43,500	$35,000	$13,176	$33,253	$124,929
Franklin County Solid Waste Management District	$54,000			$51,187	$43,692	$23,860	$36,620	$209,359
Greater New Bedford Regional Refuse Management District		$8,938	$177,299	$67,282	$15,138	$104,585	$27,648	$400,890
Hilltown Resource Management Cooperative				$14,035	$15,416	$2,480	$2,480	$34,411
Martha's Vineyard Refuse District		$27,320		$9,112	$13,130			$49,562
Middlesex Conservation District					$16,280	$6,262		$22,542
Nantucket County Conservation District						$3,256		$3,256
No. Berkshire Solid Waste Management District				$7,642			$6,258	$13,900
So. Shore Regional Refuse Disposal Planning Board							$11,022	$11,022
So. Central Recycling Association of MA					$10,000		$8,000	$18,000
University of Massachusetts Amherst					$10,287		$2,450	$12,737
Grant Totals:	$54,000	$36,258	$180,949	$192,758	$181,767	$196,586	$127,731	**$970,049**
# of Regional Groups:	1	2	2	6	11	10	8	**18**

Table K-3: Total Municipal Recycling Grants (FY89, FY91,FY93-97)

Organization	Value of Grants Awarded FY1989	FY1991	FY1993	FY1994	FY1995	FY1996	FY1997	Total Grants FY89-97
Municipalities	$2,958,930	$946,620	$2,465,361	$1,583,177	$2,746,966	$2,016,256	$1,469,606	$14,186,916
Regional Groups	$54,000	$36,258	$180,949	$192,758	$181,767	$196,586	$127,731	$970,049
Total Value of Grants:	$3,012,930	$982,878	$2,646,310	$1,775,935	$2,928,733	$2,212,842	$1,597,337	**$15,156,965**

Appendix M

Response To Comments

The Department has devoted considerable effort to putting the 1997 Solid Waste Master Plan Update (Update) before the public, to inform the public of waste management issues, and to obtain comments on the Updates content. These public comments are viewed by the Department the same as doing a market survey - the results tell us what people are concerned about and what the issues are.

This year's public information sessions were held at four locations during the week of August 4 - 7, 1997, and Public Hearings (to present testimony) were also held at four locations from September 3 - 11. 1997.

One of the results of this outreach effort was the receipt of approximately 300 comments made by 131 commenters. These comments, both oral and written testimony, made by the general public have been categorized by subject. The National Solid Waste Management Association's (NSWMA) comments, because of their length and detail, are available separately and in their entirety. All of these comments have been reviewed and decided upon relative to their general content as: (1) supportive of the Plan; (2) addressed in this Plan; (3) will be addressed in the next Plan iteration; and (4) were not applicable.

There are, however, several major comment categories for which the Department believes more detailed responses need to be prepared.

Response to Comments.

Make MRIP more flexible. - Addressed in Plan.

The Municipal Recycling Initiative Program (MRIP) will provide performance-based grants to municipalities that meet a set of eligibility criteria. The criteria is designed to increase access to and participation in recycling programs and to stimulate the demand for recycled products. A large number of municipalities can already meet the first requirements, and the DEP has mailed out contracts stating these requirements for the first year. For years 2 and 3, DEP will rely on the comments from MRIP coordinators to help us decide how to make the program more flexible. Changes to future requirements, are anticipated throughout the current fiscal year.

Small haulers hurt by lack of competition under capacity restrictions. - Addressed in Plan.

The decline in the number of small haulers is not unique to Massachusetts but has been a national trend and is likely to continue. In Massachusetts, the number of unlined landfills will continue to decrease. Replacement capacity has tended to be more centralized and has tended to be developed by private companies rather than municipalities. In addition, large waste management firms have chosen to utilize acquisition as a method of corporate expansion, and many small haulers have viewed competition by large sized firms as threatening. some have allowed themselves, as the opportunity arose, to be acquired.

The above scenario has placed small Massachusetts haulers under considerable pressure. DEP acknowledges the pressures placed by the changing waste management system on these haulers. To that end, DEP is committed to ensuring a regional approach to capacity allocations that are appropriate to meet the Commonwealth's needs. Maintaining a number of facilities across the State is

important to maintaining reasonable competition and DEP is now permitting landfills to handle non-MSW for which the Master Plan indicates there is a need. On the recycling side, the development of more MRFs decentralizes processing of recyclables, which benefits the haulers. To further reduce hauling costs as a barrier to recycling, DEP has provided grants for four recycling transfer stations through FY98, which benefit small haulers by reducing transportation costs where distances were too high.

Moratorium/capacity process is in direct conflict with market- driven solutions. - In part, addressed in Plan and additionally in the next Plan iteration.

The existing site assignment and permitting criteria in the solid waste rules were developed and are applied to ensure that a facility will: be located; designed; constructed; and operated in a manner which protects the public and the environment. As a result of having clear site and permitting criteria, more facilities have been proposed in Massachusetts than we have a need for (especially given our progress to date on recycling). Furthermore, the Commonwealth has a policy of no net imports or exports of solid waste, meaning the state should plan for the waste generated in the state, but no more. These basic standards do not distinguish between competing facility applications to determine which one will, minimize environmental costs and optimize land use. To ensure that only facilities needed to manage waste generated in the state are built (and are the most environmentally sound facilities), DEP will develop a method to select among competing projects, those which will most effectively contribute to the State's integrated solid waste management objectives. Without a capacity allocation process Massachusetts will likely have more landfills than it needs.

Source Reduction Goal. - Addressed in Plan.

The solid waste management plan is, built on a hierarchy of goals and actions. The Commonwealth has long promoted source reduction, or the generation of less waste, as the first goal of the hierarchy. A specific source reduction goal has been effectively in place since 1990. In the past MSW generation projections assumed level generation rather than the historical growth and these assumptions had impact on the need for disposal capacity. However, because of new formulas for calculating annual diversion (based on rolling averages), it is appropriate to develop a new source reduction goal, in close consultation with the Solid Waste Advisory Committee.

Because source reduction has been bound in the MSW generation rate, it was premature to set a definitive goal for the past fiscal year. The Department has begun reviewing what other states have put into place and are reviewing their results.

To date, this approach has identified several directions for a state source reduction program. Three types of source reduction are currently under consideration: (1) through reduced material use in one-time items (e.g. paper towels and packaging); (2) through increased material use for durable items (e.g. replacing disposable shipping containers, one-use items); and (3) "source demand" or "waste elimination" programs (e.g. reusing by-products in house, home composting). While there are several successful programs, there are only a few cases of state government making major changes to the state's waste generation rate. Most of these efforts (like the reduction in size of telephone book margins, the elimination of computer printout hardcopy, and shrink-wrap replacement of cardboard) have been initiated by private sector managers. EOEA is trying to follow their examples by joining EPA's new WasteWise program aimed at source reduction in state office buildings.

Broad Data Concerns. - In part, addressed in Plan and additionally in the next Plan iteration.

In response to data quality comments from landfill facilities, combustion facility operators, waste haulers and some regional waste management districts, the Department established a data work group (Data Sub-Committee of the SWAC) to examine data issues. This Data Group includes

representatives from waste management companies, waste haulers, environmentalists and consultants and was charged with examining the sources of data used in the Update. The Data Group decided to first address short-term issues that could be included in the final 1997 Update, and, second, address longer-term issues that will effect future Updates. The data group decided to address five major issues: (1) peak seasonal generation; (2) models for providing adequate regional management capacity of non-MSW in 1998 and 1999; (3) how to allocate the reserve capacity first discussed in the draft: (4) waste imports and exports; and (5) MSW recycling.

The Data Group will continue to function after the production of the current Plan Update is completed and will address those short-term issues not already addressed together with identified long-term issues.

Incineration. - Will be addressed in the next Plan iteration.

A number of commenters voiced the opinion that the Update should address problems associated with incinerators and that these facilities should be phased out as recycling increases.

DEP acknowledges that municipal waste combustors are not risk-free. The Department's mercury report indicates that waste combustors are the largest source of mercury emissions in the State. To that end, DEP has been preparing amendments to its air quality rules which will at a minimum incorporate the new Federal Waste Combustion Standards, and will significantly reduce emissions of mercury (by at least 85%), and dioxins and furans (by at least 50%). In addition, DEP is investigating adoption of a more stringent Mercury standard currently in use in New Jersey. This standard has been demonstrated to be achievable and at minimal additional cost (when compared to the Federal Standard). The Department is committed to ensuring that all waste combustors in Massachusetts meet these new standards or close should that not be feasible.

DEP is also moving ahead to adopt recently issued Federal Standards for medical waste incinerators aimed at significantly reducing Mercury emissions from these facilities. In many cases hospitals will choose instead to close their incinerators rather that upgrade them.

While combustion of MSW is not a risk-free waste management option, the phasing out of incinerators will be a long-term issue needing careful study. Waste combustors are an important component of the integrated solid waste management system in the state and it is highly unlikely over the short-term that 100% of the materials currently combusted by any facility could quickly change over and be managed through recycling. Particularly since the state has not yet reached its goal of 46% recycling established in 1990. If it cannot be recycled, it will be necessary to ensure that waste generated in Massachusetts can be properly disposed. Where facilities cannot cost-effectively retrofit to meet new standards, they will have to close and lost capacity will need to be replaced. Recycling can certainly play a part.

Douglas Landfill Decision.

Given the considerable interest in this case it was decided to include statement regarding its current status.

On July 24, 1994, Judge Botsford issued a memorandum and order in Douglas Environmental Associates, Inc. v. Department of Environmental Protection el al. In her opinion she overruled the Department's denial of a permit to Douglas Environmental Associates (DEA) for construction of a landfill in Douglas, Massachusetts. The court ordered the Department to issue a permit authorizing DEA to accept 1500 tons per day of solid waste, of which up to 600 tons per day may be municipal solid waste. The Department appealed the court's decision and on November 3, 1997, Judge Botsford granted a stay on all further proceedings in the case pending the appeal. Specifically, she ordered that

the Department "refrain from taking any action... that would interfere with DEA's ability to obtain the permit at issue in this case or to develop its proposed facility."

The Department must comply with this order and yet ensure that adequate disposal capacity exists in the Commonwealth in the upcoming years. The Department understands the order to mean that the Department's issuance of any permits while the appeal is pending may nor effect DEA's ability to obtain a permit for the proposed landfill. In other words, such permits could not be considered in determining capacity need for the permit at issue in the DEA case.

Additional Copies

Additional copies of the Executive Summary, Volume I (text),and Volume II (appendices) can be obtained in hard copy by calling Ms. Donnette Matthews at 617-574-6844.

In addition, DEP's Regional Service Centers will have a limited number of copies. Service Centers can be reached at:

Western Region 413-784-1100 x214
Central Region 508-792-7683
Northeast Region 617-932-7677
Southeast Region 508-946-2714

The entire 1997 Solid Waste Master Plan Update is available on the World Wide Web at this address:

http://www.state.ma.us/DEP